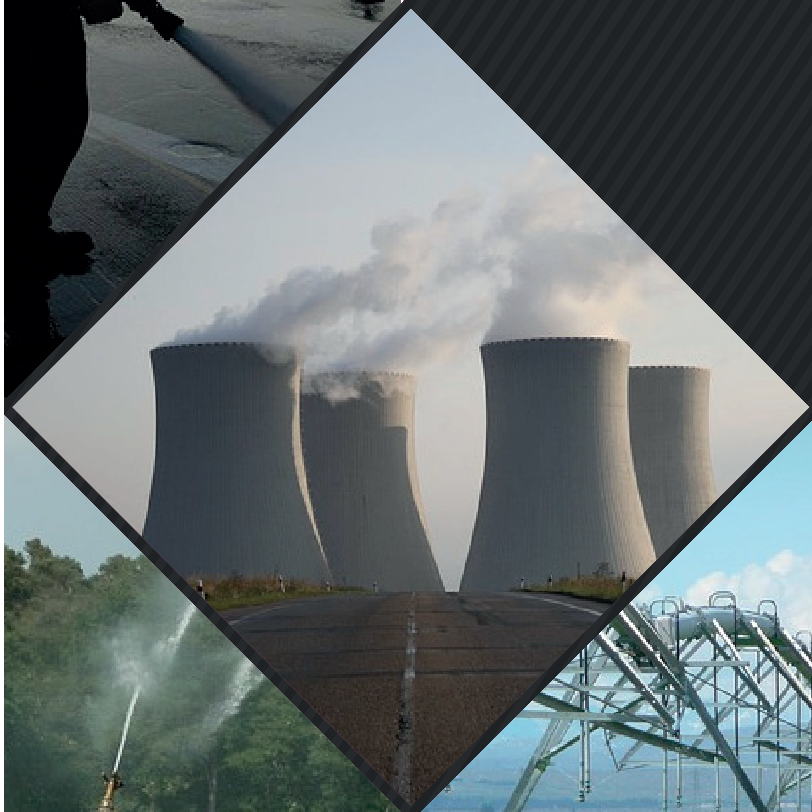
techniques industries

FOURNITURES INDUSTRIELLES
VENTE - REPARATION - SAV EN ATELIER ET SUR SITE



POMPE DE FORAGE

PANELLI®
ELETTROPOMPE SOMMERSE

TEL: 03.22.712.712
E-MAIL: tecindus@orange.fr
www.techniquesindustries.fr

THE COMPANY, SINCE 1906.

Alessandria, 1906: nasce l'Officina A. Panelli, destinata a diventare una delle prime società al mondo a specializzarsi e ad approfondire le tecnologie del ciclo completo dell'acqua. Dopo oltre 100 anni, grazie all'Ing. Secondo Mariani alla guida della nuova proprietà, PANELLI ha investito in uno staff altamente qualificato e raccolto l'eredità della propria storia, riuscendo ad imporsi come un'eccellenza italiana, riconosciuta e apprezzata in tutto il mondo. Oggi PANELLI è punto di riferimento mondiale nella progettazione, realizzazione e assistenza di Elettro-Pompe Sommerse per acque limpide da 4" a 12", con propri motori sommersi riavvolgibili da 0,5 HP a 200 HP.
La continua innovazione e la costante ricerca e sviluppo hanno portato PANELLI alla registrazione di innovativi brevetti mondiali sulle pompe sommerse. L'ampio utilizzo di tecnologia robotica di ultima generazione, consentono a PANELLI di costruire prodotti altamente competitivi in Qualità, Performances e Prezzo.

Alessandria (Italy), 1906: A. PANELLI workshop born, becoming soon one of first and most specialized Water Pump company in the world. After more than 100 years, thanks to Eng. Secondo Mariani guiding new management, PANELLI carried on its heritage and, by growing with high skills staff, became an Italian excellence world renowned. Today PANELLI is a worldwide reference for clean water Submersible Electro-Pumps, size range 4" until 12", with own Motors, power range 0.5 HP until 200 HP.
Continuous innovation and R&D brought to PANELLI several worldwide Patents and, with last generation Welding/Assembling Robots, make reality manufacturing of High Quality & High Performances Electro-Pumps at competitive prices.

En Alessandria (Italie) en 1906 est crée l'atelier A. PANELLI destiné à devenir l'une des premieres sociétés au monde à se spécialiser et à approfondir les technologies du cycle complet de l'eau. Après plus de 100 ans. En effet, grâce a l'ingénieur Secondo Mariani a la tète de la nouvelle propriété, PANELLI a investi dans un personnel hautement qualifié et a recueilli de l'héritage de l'histoire, s'est imposée comme l'excellence italienne reconnue et appréciée partout dans le monde. PANELLI est aujourd'hui dans un tournant décisif dans la conception, la réalisation, la mise en œuvre et la maintenance de Pompes Immergées pour eau propre de 4" a 12', avec leurs propres moteurs immergées rebobinable de 0,5 HP à 200 HP. La recherche continue, le développement constant et la technologie de robotique de dernière génération on mener PANELLI à l'enregistrement de brevets innovés a travers le monde sur les pompes immergées, résultant des produits hautement compétitif aussi bien en qualité qu'en prix.

En Alessandria (Italia) en 1906 se crea el taller A. PANELLI, destinado a convertirse en una de las primeras empresas en el mundo en especializarse y profundizar las tecnologías del ciclo integral del agua. Desde hace mas de 100 anos, gracias al ingeniero Secondo Mariani, que dirige la nueva propiedad, PANELLI ha invertido en un personal altamente cualificado y ha heredado del legado de la historia, convirtiéndose en reconocida excelencia italiana, apreciada en todo el mundo. PANELLI es un punto de referencia en el diseño y mantenimiento de sua líneas de producción: Bombas sumergibles para agua limpia de 4" a 12", motores sumergibles rebobinables de 0,5 HP a 200 HP. La continúa investigación, el desarrollo y la tecnología robotizada de última generación condujeron PANELLI al registro de patentes nuevos en todo el mundo de bombas sumergibles innovadoras, que la consagra en productos altamente competitivos tanto en calidad como en precio.

PANELLI - CATALOGO 2013_Layout 1 08/03/14 09.58 Pagina 3

SUBWATER IS NOTHING WITHOUT PASSION

PANELLI®

ELETTROPOMPE SOMMERSE - ELECTRIC SUBMERSIBLE PUMPS - ELECTROPOMPES IMMERGEES - ELECTROBOMBAS SUMERGIDAS

ITALY

SERVICES, THE COMPANY ENERGY.

SERVICES, THE COMPANY ENERGY.

La passione per il lavoro e i continui investimenti nelle ricerche e nello sviluppo sono la vera energia alla base della forza produttiva di PANELLI. L'attenzione alla qualità dei materiali, il controllo di tutte le fasi della produzione, la struttura produttiva rapida e flessibile e un efficiente servizio post vendita sono i plus che rendono PANELLI un partner di livello mondiale. Dalle soluzioni per l'uso domestico a quelle industriali, dal settore civile ed impiantistico all'agricoltura, dai sistemi di irrigazione e drenaggio alle applicazioni per sistemi antincendio per PANELLI il denominatore comune è la soddisfazione del cliente. Grazie al costante impegno dei distributori nazionali e internazionali, PANELLI garantisce un efficiente servizio che consente di sviluppare i prodotti e renderli sinonimo di garanzia, qualità e di sicurezza.

The passion for the work and the ongoing investments in research and development are the true energy at the base of the productive power of PANELLI. The attention to the quality of materials, the control of all stages of production, the fast and flexible productive structure and an efficient after-sales service are the advantages that make PANELLI a world-class partners. From the solutions for domestic use to industrial one, from civil and plant engineering to agriculture, from irrigation and drainage systems to fire protection applications for PANELLI the common denominator is the customer satisfaction. Thanks to the constant efforts of national and international distributors, PANELLI guarantees an efficient service that allows you to develop the products and make them synonymous of reliability, quality and safety.

La passion pour le travail et les investissements continus dans la recherche et développement sont la vraie énergie à la base de la puissance productive de PANELLI. Le soin de la qualité des matériaux, le contrôle de toutes les étapes de production, la structure productive pour un service après vente rapide et flexible, sont les avantages qui font de PANELLI un partenaire de niveau mondial. Des solutions pour l'usage domestique et industriel, au secteur civil et d'implantations agricole, de systèmes d'irrigation et drainage aux applications de protections contre les incendies. Pour Panelli le dénominateur commun est la satisfaction du client. Grace aux efforts constants des distributeurs nationaux et internationaux, PANELLI garantis un service efficace qui permet de développer les produits et de les rendre synonyme de fiabilité de qualité et de sécurité.

La pasión por el trabajo y la inversión continua en investigación y desarrollo son la verdadera energía e la base de la fuerza productiva de PANELLI. La atención a la calidad de los materiales, el control de todas las etapas de producción, la estructura productiva de un servicio rápido, flexible y un eficiente servicio post-venta, son las ventajas que hace de Panelli un socio a nivel mundial. De las soluciones para el uso domestico, a los consumidores industriales, la industria, el sector civil y implantaciones para la agricultura, irrigación y sistemas de drenaje como las aplicaciones de protección contra incendios. Para Panelli el común denominador es la satisfacción del cliente. Gracias a los esfuerzos constantes de los distribuidores nacionales e internacionales, PANELLI garantiza un servicio eficiente que le permite desarrollar los productos y convertirlos en sinónimo de fiabilidad, calidad y seguridad.

PANELLI®
ELETTROPOMPE SOMMERSE

95 PR 18 N/
4''(100 mm)

Elettropompe sommerse semiassiali

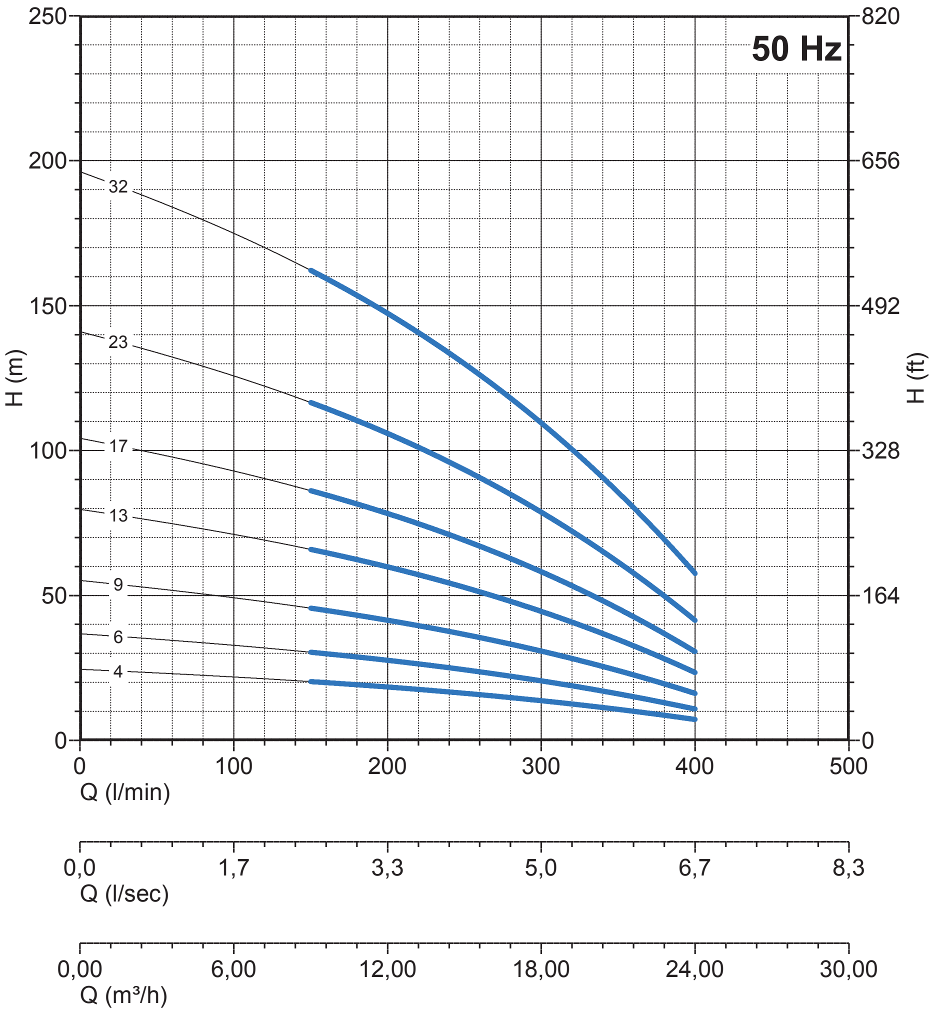
Semi-axial electric submersible pumps

Electropompes immergèes semi-axiales

NOUVEAUTE
POMPE 4'' TRES GROS DEBIT

SEMI-AXIAL
IMPELLER AND DIFFUSER

95 PR18 N

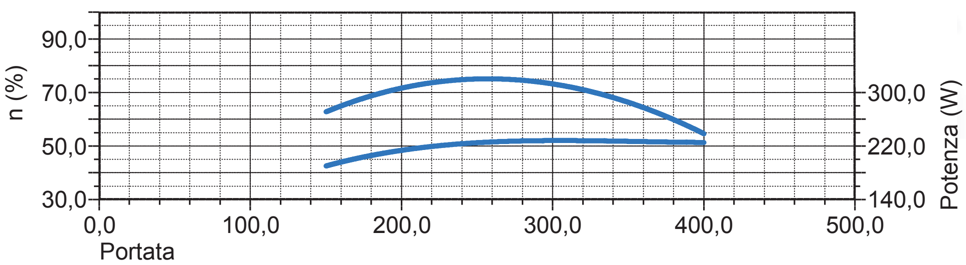


H = Prevalenza totale. **Da 7 a 160 m**
Q = Portata. **Da 150 a 400 l/min**
n% = Rendimento della pompa. **Max 75,0 %**
W/st = Assorbim. per stadio. **Max 230,00**
Massimo contenuto di sabbia. **50 g/m³**
S = Battente minimo (m) **Max 1**

H = Total head. **From 7 to 160 m**
Q = Capacity. **From 150 to 400 l/min**
n% = Pump efficency. **Max 75,0 %**
W/st = Stage absorption. **Max 230,00**
Maximum sand content **50 g/m³**
S = Minimum head (m) **Max 1**

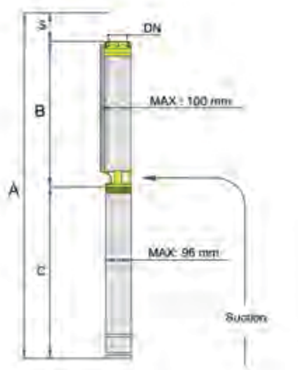
H = hauter manométrique. **From 7 to 160 m**
Q = Débit. **From 150 to 400 l/min**
n% = Rendement de la pompe. **Max 75,0 %**
W/st = Absorption par étage. **Max 230,00**
Contenu maximal de sable. **50 g/m³**
S = Niveau minimal (m). **Max 1**

H =Altura manométrica. **Da 7 a 160 m**
Q = Caudal. **De 150 a 400 l/min**
n% = Rendimiento de la bomba. **Max 75,0 %**
W/st = Potencia absorbida por etapa. **Max 230,00**
Condenito màximo de arena. **50 g/m³**
S = Nivel minimo (m) **Max 1**



DN : TYPE 95 PR 1
TYPE 95 PR 2
TYPE 95 PR 3
TYPE 95 PR 4
= 1" 1/4 GAS

DN : TYPE 95 PR 6
TYPE 95 PR 8
TYPE 95 PR 10
TYPE 95 PR 12
TYPE 95 PR 15
TYPE 95 PR 18
= 2"GAS



Motore - Motor - Moteur Caratteristiche a 2900 rpm						Q=Portata - Capacity - Debit							
Tipo - Type	Power		Mono Fase Single phase V230		V 400	l/min	0	150	200	250	300	350	400
						l/sec	0,00	2,50	3,33	4,17	5,00	5,83	6,67
	kW	HP	A	µF	A	m³/h	0,0	9,0	12,0	15,0	18,0	21,0	24,0
95 PR18 N/04	1,10	1,5	9,6	40	3,1	H[m]	25	20	19	17	14	10	7
95 PR18 N/06	1,50	2	11,8	50	4		37	30	28	25	21	15	11
95 PR18 N/09	2,20	3	15,2	78	5,8		55	45	42	37	31	23	17
95 PR18 N/13	3,00	4	-	-	7,5		80	65	60	54	44	33	24
95 PR18 N/17	4,00	5,5	-	-	9,8		104	85	79	70	58	44	31
95 PR18 N/23	5,50	7,5	-	-	13,5		141	115	107	95	79	59	43
95 PR18 N/32	7,50	10	-	-	17,5		196	160	148	132	109	82	59

Dimensioni di ingombro e pesi Overall dimensions and weights								
Tipo - Type	A mm Mono	A mm Tri	B mm	C mm Mono	C mm Tri	M kg Mono	M kg Tri	P kg
95 PR18 N/04	895	865	503	392	362	12	12	5
95 PR18 N/06	1075	1045	653	422	392	13	13	6
95 PR18 N/09	1345	1330	878	467	452	15	15	9
95 PR18 N/13	0	1735	1178	0	557	0	19	13
95 PR18 N/17	0	2075	1478	0	597	0	22	17
95 PR18 N/23	0	2626	1928	0	698	0	27	23
95 PR18 N/32	0	3421	2603	0	818	0	32	31

PANELLI®

Elettropompe sommerse semiassiali

Semi-axial electric submersible pumps

Electropompes immergèes semi-axiales

95 REC 18

4’’(100 mm)

ELETTROPOMPE SOMMERSE TIPO 4’’
SERIE 95 REC 18:
PORTATE FINO A 400 L/MIN
PREVALENZE FINO A 123 METRI
POTENZE FINO A 7,5 HP (5,5 Kw).

ELECTRIC SUBMERSIBLE PUMPS VERSION 4’’
SERIE 95 REC 18 :
CAPACITY UP TO 400 L/MIN
MANOMETRIC HEAD UP TO 123 METERS
POWER UP TO 7,5 HP (5,5 Kw).

ELECTROPOMPES IMMERGEES 4’’
SERIES 95 REC 18 :
CAPACITE’ JUSQU’ A‘ 400 L/MIN
HAUTEUR MANOMETRIQUE JUSQU’ A‘ 123 METERS
PUISSANCE JUSQU’ A’ 7,5 HP (5,5 Kw).

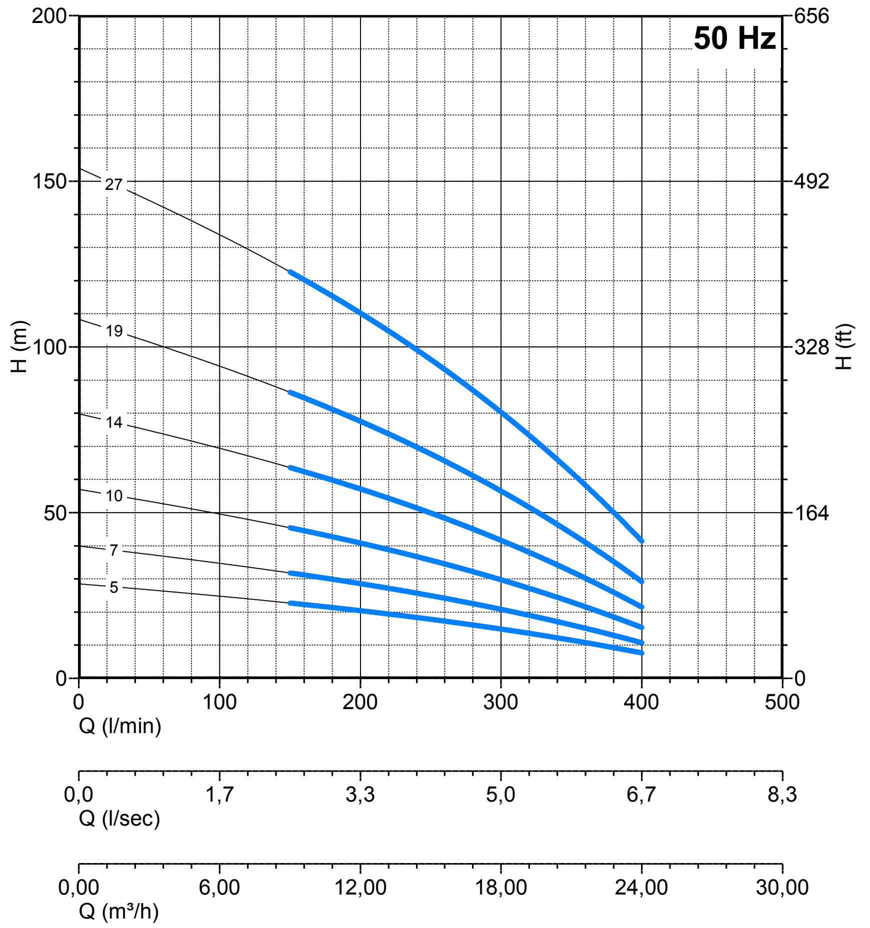
Material:

IMPELLER AND DIFFUSER IN CAST IRON

CED Process

(Cathode Electro Deposition)

95 REC 18

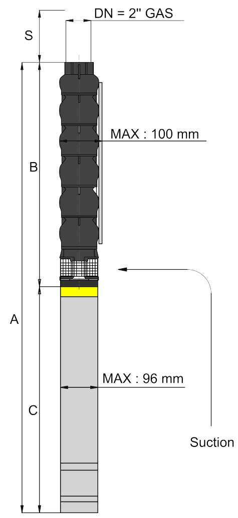


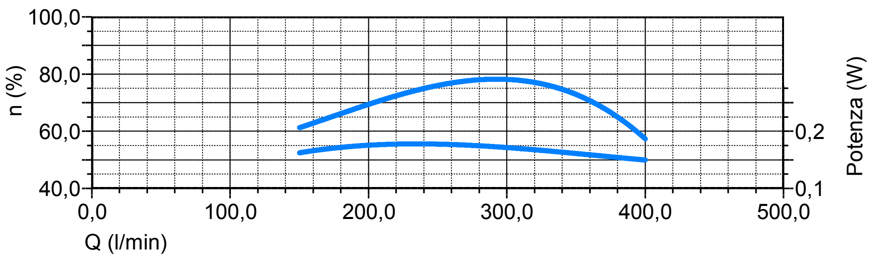
H = Prevalenza totale. **Da 8 a 123 m**
Q = Portata. **Da 150 a 400 l/min**
n% = Rendimento della pompa. **Max 76,5 %**
W/st = Assorbim. per stadio. **Max 200,00**
Massimo contenuto di sabbia. **50 g/m³**
S = Battente minimo (m) **Max 1**

H = Total head. **From 8 to 123 m**
Q = Capacity. **From 150 to 400 l/min**
n% = Pump efficency. **Max 76,5 %**
W/st = Stage absorption. **Max 200,00**
Maximum sand content **50 g/m³**
S = Minimum head (m) **Max 1**

H = hauter manométrique. **From 8 to 123 m**
Q = Débit. **From 150 to 400 l/min**
n% = Rendement de la pompe. **Max 76,5 %**
W/st = Absorption par étage. **Max 200,00**
Contenu maximal de sable. **50 g/m³**
S = Niveau minimal (m). **Max 1**

H =Altura manométrica. **Da 8 a 123 m**
Q = Caudal. **De 150 a 400 l/min**
n% = Rendimiento de la bomba. **Max 76,5 %**
W/st = Potencia absorbida por etapa. **Max 200,00**
Condenito màximo de arena. **50 g/m³**
S = Nivel minimo (m) **Max 1**





	Motore - Motor - Moteur Caratteristiche a 2900 rpm					Q=Portata - Capacity - Debit							
Tipo - Type	Power		Mono Fase Single phase V230		V 400	l/min	0	150	200	250	300	350	400
						l/sec	0,00	2,50	3,33	4,17	5,00	5,83	6,67
	kW	HP	A	F	A	m³/h	0,0	9,0	12,0	15,0	18,0	21,0	24,0
95 REC 18 /05	1,10	1,5	9,6	40	3,2		29	23	21	18	15	12	8
95 REC 18 /07	1,50	2	11,8	50	4		40	32	29	25	20	17	11
95 REC 18 /10	2,20	3	15,2	76	5,8	H[m]	57	46	41	36	29	24	15
95 REC 18 /14	3,00	4	-	-	7,5		80	64	57	50	41	34	21
95 REC 18 /19	4,00	5,5	-	-	9,8		108	86	78	67	55	46	29
95 REC 18 /27	5,50	7,5	-	-	13,5		154	123	111	96	78	65	41

Dimensioni di ingombro e pesi Overall dimensions and weights								
Tipo - Type	A mm Mono	A mm Tri	B mm	C mm Mono	C mm Tri	M kg Mono	M kg Tri	P kg
95 REC 18 /05	930	900	538	392	362	12	12	7
95 REC 18 /07	1106	1076	684	422	392	13	13	10
95 REC 18 /10	1370	1355	903	467	452	15	15	13
95 REC 18 /14	0	1752	1195	0	557	0	19	17
95 REC 18 /19	0	2157	1560	0	597	0	22	23
95 REC 18 /27	0	2842	2144	0	698	0	27	31

SUBWATER IS NOTHING WITHOUT VERSATILITY

PATENTED

TÜV SÜD ISO 9001

PANELLI®

ELETTROPOMPE SOMMERSE - ELECTRIC SUBMERSIBLE PUMPS - ELECTROPOMPES IMMERGEES - ELECTROBOMBAS SUMERGIDAS

95 PR N, FLOATING IMPELLER. 4”

95 PR N (4")

CE Tolleranze secondo - Tollerance according to - Tolérances selon Tolerancias según norma EN UNI-ISO 9906 - 4" (100 mm)

ELETTROPOMPE SOMMERSE INTUBATE 4" (SERIE 95 PR N/)

>Sono le piu piccole della vasta gamma di sommerse PANELLI e riassumono 40 anni di esperienza nell'idrauilica. Il concetto innovativo (brevettato) della girante flottante a rasamento frontale facilita il flusso dell' acqua nella pompa con importanti vantaggi idrauilici e funzionali.

VANTAGGI >Elevato rendimento >Insensibilità alla sabbia (usura quasi totalmente eliminata) >Notevole aumento della durata di funzionamento >Ingombri piu contenuti >Manutenzione praticamente esente.

MATERIALI >I materiali di esecuzione standard sono: >Girante in tecnopolimero (Lexan) >Diffusore in tecnopolimero (Noryl GFN2) >Elemento intermedio in Acciao Inox AISI 304 >Camicia esterna in Acciaio Inox AISI 304 >Mandata e gabbia di aspirazione in ottone >Valvola di ritegno in Acciao Inox AISI 304 incorporata. Inoltre, in aggiunta ai materiali della costruzione di serie, le pompe possono essere fornite con Mandata e Aspirazione in Acciao Inox microfuso AISI 304.

CAMPI DI PRESTAZIONE >Portate fino a 22 m ^{3}/h >Prevalenze fino a 470 m >Potenze fino a 10 HP (7,5 Kw) >Massima quantità di sabbia tollerata nell'acqua :300g/m ^{3}

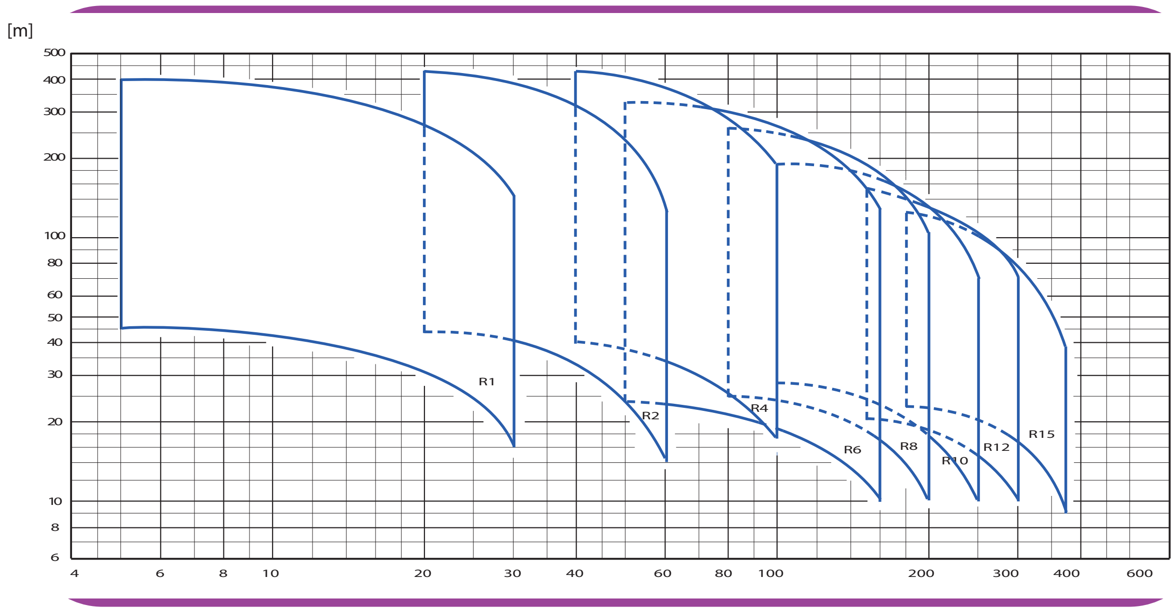
ELECTRIC SUBMERSIBLE PUMPS CASED VERSION 4" (SERIES 95 PR N/)

>The submersible pumps series 95 PR N/ are the smallest in the wide range of submersible pumps produced by PANELLI and sumarize 40 years experience in hydraulics. The patented know-how of the floating impeller with front shim adjustement to agiven clearance make easier the water to flow into the pump with important hydraulic and functional advantages.

ADVANTAGES >High efficency >Resiste to the sand (erosion almost totally eliminated) >Longer working duration >Smallest overall dimension >Minimum hydraulic maintenance.

MATERIALS >The marerials of standard execution are: >Impeller in technopolymer (Lexan) >Diffuser in technopolymer (Noryl GFN2) >Intermediate casing in Stainless Steel AISI 304 >External sleeve in Stainless Steel AISI 304 >Delivery bowl and suction cage in brass >Non return valve in Stainless Steel AISI 304 included. Besides standard construction the pumps can be manufacture with the Delivery Bowl and suction cage in precision Stainless Steel AISI 304.

OPERATING DATA >Capacity up to 22 m ^{3}/h >Manometric head up to 470 m >Power up to 10 HP (7,5 Kw) >Maximum quantity of sand suspended in the water :300 g/m ^{3}



95 PR N (4”)

ELECTROPOMPES IMMERGEES TUBEE 4” (SERIES 95 PR N/)

›Les électropompes immergées série 95 PR N/ sont les plus petites de la large gamme des immergées produites par la PANELLI. Le concept innovateur (Breveté) de la roue flottante favorise le flux de l’eau dans la pompe avec d’importants avantages hydrauliques et de fonctionnement **ADVANTAGES** ›Haut rendement ›Resistance au sable (usure quasiment éliminée) ›Encombrement réduits ›Hausse considérable de la duré e de fonctionnement › Absence quasiment de l’entretien a la partie hydraulique.

MATERIAUX ›Les matériaux d’exécution standard sont: ›Roue en technopolymère (Lexan) ›Diffuseur en technopolymère (Noryl GFN2) ›Elément intermédiaire en Acier Inox AISI 304 ›Chemise de blocage en Acier Inox AISI 304 ›Pièce de refoulement et cage d’aspiration en laiton ›Clapet de retenue en Acier INOX AISI 304 incorporé. **Outre aux matériaux de construction de série, les pompes peuvent être fournies avec des pièces de refoulement et cages d’aspiration en micro-fusion Acier INOX AISI 304.**

CHAMPS DE PERFORMANCES ›Capacitè jusqu’a 22 m^3/h ›Hauteur manometrique jusqu’à 470m ›Puissances jusqu’ à 10 HP (7,5 Kw) ›Quantitè maximale de sable tolèree dans l’eau:300g/m^3

ELECTROBOMBAS SUEMRGIDAS ENCAPSULADAS 4” (SERIES 95 PR N/)

›Las electrobombas sumergidas serie 95 PR N/ son las máspequeñas de la extensa gama de fabricación que desde hace 40 años fabrica PANELLI. El concepto innovador del rodete flotante favorece el flujo del agua dentro de la bomba con importantes ventajas hidráulicas y de funcionamiento.

VENTAJAS ›Alto rendimineto hidráulico ›Resistencia a la arena (prácticamente la elimina por completo) ›Notable aumento de durabilidad del producto ›Diemensiones reducidas ›Parte hidráulica prácticamente sin mantenimiento.

MATERIALES ›Los materiales en ejecución estandard son los siguientes: ›Rodete en technopolymero (Lexan) ›Difusor en technopolymero (Noryl GFN2) ›Elemento intermedio en Acier Inox AISI 304 ›Camisa externa en Acero Inox AISI 304 ›Cuerpo de aspiración e impulsión en bronce / Inoxidable ›Válvula de retención en Acier Inox Aisi 304 incorporada directemente dentro de la bomba. **Ademas de los materiales de construcción de serie, las bombas pueden ser fabricadas el cuerpo de aspiración y el cuerpo de impulsión Fundición por micro -fusion Acero Inox AISI 304.**

CAMPOS DE TRABAJO ›Caudal hasta 22 m^3/h ›Altura manométrica hasta 470m ›Potencias hasta 10 HP (7,5 Kw) ›Contenido máximo de arena en suspensión: 300g/m^3

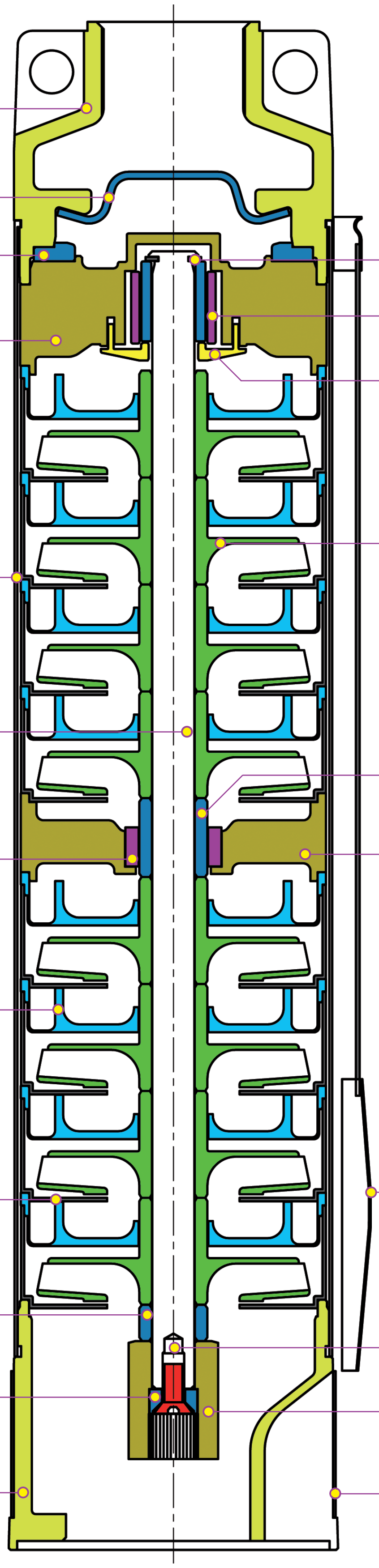
PANELLI - CATALOGO 2013_Layout 1 06/03/14 16.08 Pagina 12

PANELLI®

95 PR N (4")

CE Tolleranze secondo - **Tollerance according to** - *Tolérances selon*
Tolerancias según norma EN UNI-ISO 9906 - **4" (100 mm)**

STANDARD CONSTRUCTION



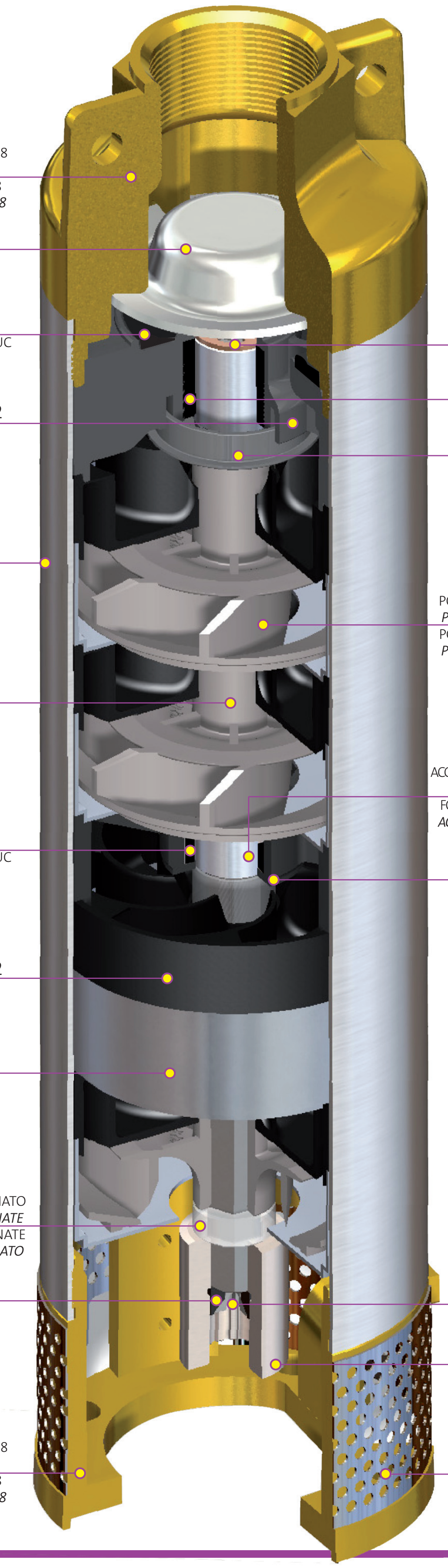
N°	DESCRIPTION	MATERIAL
1*	MANDATA *DELIVERY BOWL* REFOULEMENT *CUERPO IMPULSIÓN*	OTTONE OT58 *BRASS OT58* LAITON OT58 *BRONCE OT58*
2	FARFALLA - *CAP VALVE* PLAT - *VÁLVULA*	AISI 304
3	GUARNIZIONE FARFALLA *VALVE GASKET* *JUNTA VÁLVULA*	GOMMA *RUBBER* CAOUTCHOUC *CAUCHO*
4	SUPPORTO SUPERIORE *UPPER SUPPORT* SUPPORT SUPÉRIEURE *SOPORTE SUPERIOR*	NORYL GFN2
5	CAMICIA *SLEEVE* CHEMISE *CAMISA*	AISI 304
6	ALBERO POMPA *PUMP SHAFT* ARBRE POMPE *EJE BOMBA*	AISI431
7	BRONZINA SUPPORTO INTERMEDIO *INTERMEDIATE BEARING BUSH* COUSSINET SUPPORT INTERMÉDIARE *COJINETE SOPORTE INTERMEDIO*	GOMMA *RUBBER* CAOUTCHOUC *CAUCHO*
8	DIFFUSORE *DIFFUSEUR* DIFFUSEUR *DIFUSOR*	NORYL GFN2
9	ELEMENTO INTERMEDIO *INTERMEDIATE CASING* ELEMÉNT INTERMÉDIARE *ELEMENTO INTERMEDIO*	AISI 304
10	DISTANZIALE PRIMA GIRANTE *SPACER FIRST IMPELLER* ENTRETOISE PREMIÉRE ROUE *DISTANCIADOR PRIMER RODETE*	POLICARBONATO *POLYCARBONATE* POLYCARBONATE *POLICARBONATO*
11	RONDELLA *WASHER* RONDELLE *ARANDELA*	AISI 304
12*	GABBIA DI ASPIRAZIONE *SUCTION CAGE* CAGE D'ASPIRATION *CUERPO ASPIRACIÓN*	OTTONE OT58 *BRASS OT58* LAITON OT58 *BRONCE OT58*
13	SEEGER	AISI 304
14	BRONZINA SUPPORTO SUPERIORE *UPPER BEARING BUSH* COUSSINET SUPPORT SUPÉRIEURE *COJINETE SOPORTE SUPERIOR*	GOMMA *RUBBER* CAOUTCHOUC *CAUCHO*
15	PARA SABBIA *SAND GUARD* PARA SABLE *PROTECTOR ARENA*	NORYL GFN2
16	GIRANTE *IMPELLER* ROUE *RODETE*	POLICARBONATO *POLYCARBONATE* POLYCARBONATE *POLICARBONATO*
17	DISTANZIATORE INTERMEDIO *INTERMEDIATE SPACER* ENTRETOISE INTERMÉDIARE *DISTANCIADOR INTERMEDIO*	ACCIAIO SINTERIZZATO *SINTERED STEEL* FONTE AGGIOMÉRÉ *ACERO SINTERIZADO*
18	SUPPORTO INTERMEDIO *INTERMEDIATE SUPPORT* SUPPORT INTERMÉDIARE *SOPORTE INTERMEDIO*	NORYL GFN2
19	STAFFETTA INTERMEDIA *LOWER FLANGE* BRIDE INFERIEURE	AISI 304
20	VITE - *SCREW* VIS - *TORNILLO*	AISI 304
21	GIUNTO DI TRAINO FLOTTANTE *FLOATING JOINT* JOINT FLOTTANT *JUNTA OTANTE*	AISI 304
22	SUCCHERUOLA *SUCTION STRAINER* CRÉPINE *REJILLA*	AISI 304

*Disponibile anche in - **Also available in** - *Disponible aussi en* - Disponible en **AISI 304 - Rev 0 del 1/01/2014**

95 PR N (4”)

CE Tolleranze secondo - **Tollerance according to** - *Tolérances selon*
Tolerancias según norma EN UNI-ISO 9906 - **4” (100 mm)**

STAINLESS STEEL CAP VALVE

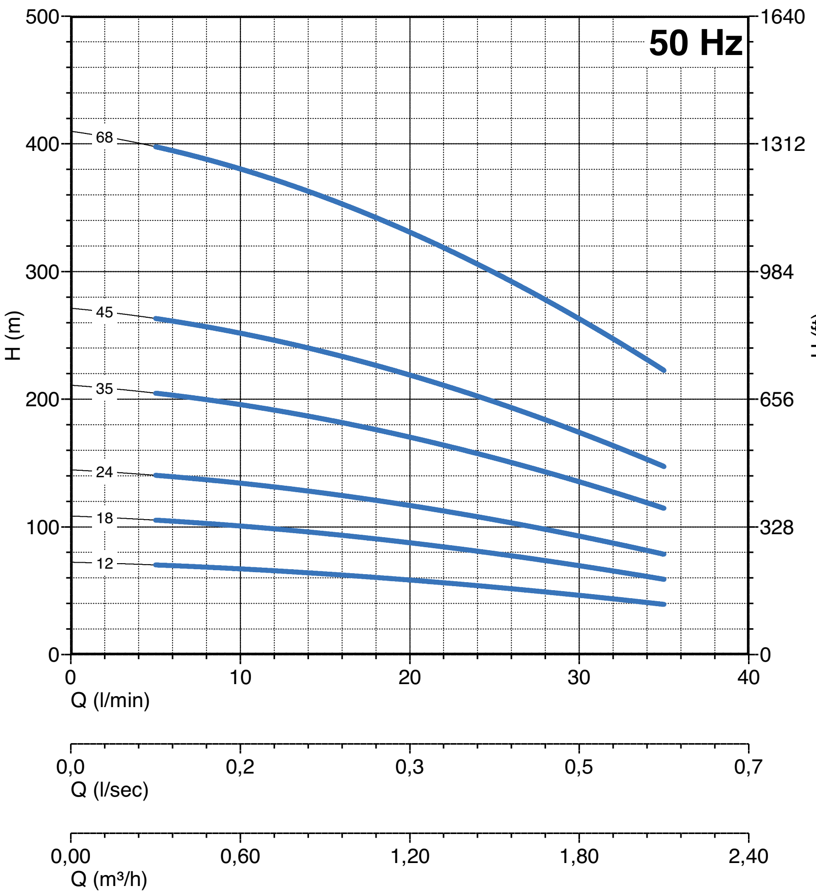


*Disponibile anche in - **Also available in** - *Disponible aussi en* - Disponible en **AISI 304 - Rev 0 del 1/01/2014**

PANELLI®

95 PR1 N (4")

CE Tolleranze secondo - **Tollerance according to** - *Tolérances selon*
Tolerancias según norma EN UNI-ISO 9906 - **4" (100 mm)**

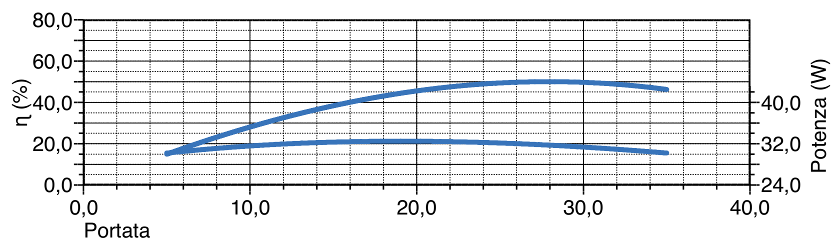


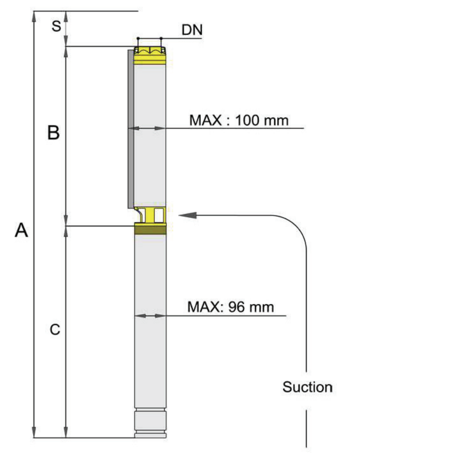
H = Prevalenza totale. **Da 39 a 402 m**
Q = Portata. **Da 5 a 35 l/min**
η% = Rendimento della pompa. **Max 49,8 %**
W/st = Assorbim. per stadio. **Max 32,20**
Massimo contenuto di sabbia. **300 g/m³**
S = Battente minimo (m) **Max 1**

H = Total head. **From 39 to 402 m**
Q = Capacity. **From 5 to 35 l/min**
η% = Pump efficency. **Max 49,8 %**
W/st = Stage absorption. **Max 32,20**
Maximum sand content **300 g/m³**
S = Minimum head (m) **Max 1**

H = hauter manométrique. **From 39 to 402 m**
Q = Débit. **From 5 to 35 l/min**
η% = Rendement de la pompe. **Max 49,8 %**
W/st = Absorption par étage. **Max 32,20**
Contenu maximal de sable. **300 g/m³**
S = Niveau minimal (m). **Max 1**

H =Altura manométrica. **Da 39 a 402 m**
Q = Caudal. **De 5 a 35 l/min**
η% = Rendimiento de la bomba. **Max 49,8 %**
W/st = Potencia absorbida por etapa. **Max 32,20**
Condenito màximo de arena. **300 g/m³**
S = Nivel minimo (m) **Max 1**





DN : TYPE 95 PR 1
TYPE 95 PR 2
TYPE 95 PR 3
TYPE 95 PR 4
= 1" 1/4 GAS

DN : TYPE 95 PR 6
TYPE 95 PR 8
TYPE 95 PR 10
TYPE 95 PR 12
TYPE 95 PR 15
= 2"GAS

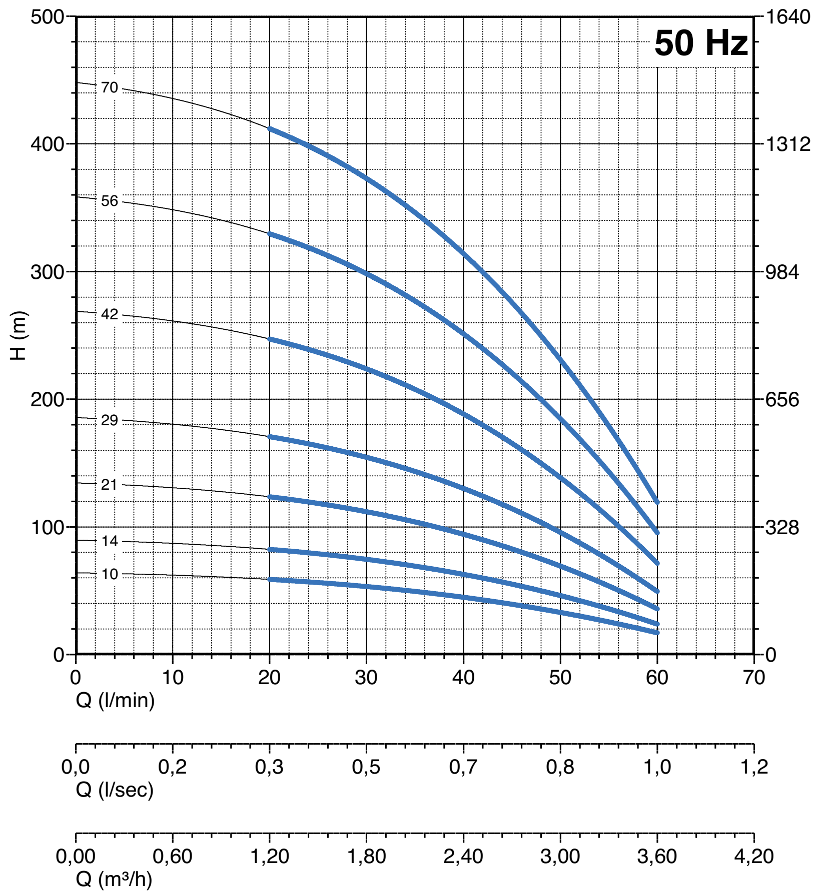
Tipo - Type	Motore - Motor - Moteur Caratteristiche a 2900 rpm					Q=Portata - Capacity - Debit								
	Power		Mono Fase Single phase V230		V 400	l/min	0	5	10	15	20	25	30	35
						l/sec	0,00	0,08	0,17	0,25	0,33	0,42	0,50	0,58
	kW	HP	A	μF	A	m³/h	0,0	0,3	0,6	0,9	1,2	1,5	1,8	2,1
95 PR 1 N/12	0,37	0,5	3,5	12,5	1,3	H[m]	72	71	67	63	58	53	47	39
95 PR 1 N/18	0,55	0,75	5	16	1,7	H[m]	108	106	100	95	87	79	70	59
95 PR 1 N/24	0,75	1	6,5	20	2,2	H[m]	144	142	134	126	116	106	94	78
95 PR 1 N/35	1,10	1,5	9,6	30	3,1	H[m]	210	207	195	184	169	154	137	114
95 PR 1 N/45	1,50	2	11,8	40	4	H[m]	270	266	251	236	217	198	176	146
95 PR 1 N/68	2,20	3	15,2	50	5,8	H[m]	408	402	379	357	328	300	266	221

Dimensioni di ingombro e pesi
Overall dimensions and weights

Tipo - Type	A mm Mono	A mm Tri	B mm	C mm Mono	C mm Tri	M kg Mono	M kg Tri	P kg
95 PR 1 N/12	742	675	425	317	250	6	7	4,5
95 PR 1 N/18	894	874	557	337	317	8	8	5,7
95 PR 1 N/24	1073	1048	711	362	337	10	10	7
95 PR 1 N/35	1345	1315	953	392	362	12	12	9,3
95 PR 1 N/45	1617	1587	1195	422	392	13	13	11,5
95 PR 1 N/68	2190	2175	1723	467	452	15	15	14,5

95 PR2 N (4")

CE Tolleranze secondo - **Tollerance according to** - *Tolérances selon*
Tolerancias según norma EN UNI-ISO 9906 - **4" (100 mm)**

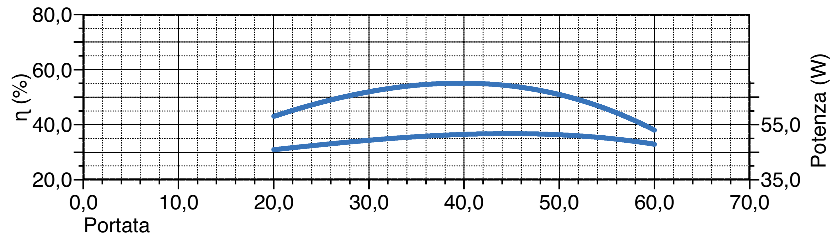


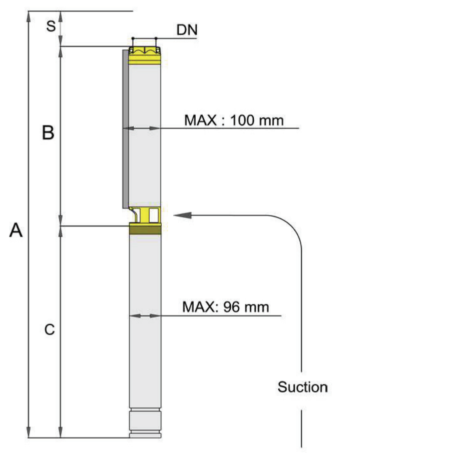
H = Prevalenza totale. **Da 17 a 413 m**
Q = Portata. **Da 20 a 60 l/min**
η% = Rendimento della pompa. **Max 55,0 %**
W/st = Assorbim. per stadio. **Max 52,00**
Massimo contenuto di sabbia. **300 g/m³**
S = Battente minimo (m) **Max 1**

H = Total head. **From 17 to 413 m**
Q = Capacity. **From 20 to 60 l/min**
η% = Pump efficency. **Max 55,0 %**
W/st = Stage absorption. **Max 52,00**
Maximum sand content **300 g/m³**
S = Minimum head (m) **Max 1**

H = hauter manométrique. **From 17 to 413 m**
Q = Débit. **From 20 to 60 l/min**
η% = Rendement de la pompe. **Max 55,0 %**
W/st = Absorption par étage. **Max 52,00**
Contenu maximal de sable. **300 g/m³**
S = Niveau minimal (m). **Max 1**

H =Altura manométrica. **Da 17 a 413 m**
Q = Caudal. **De 20 a 60 l/min**
η% = Rendimiento de la bomba. **Max 55,0 %**
W/st = Potencia absorbida por etapa. **Max 52,00**
Condenito màximo de arena. **300 g/m³**
S = Nivel minimo (m) **Max 1**





DN : TYPE 95 PR 1
TYPE 95 PR 2
TYPE 95 PR 3
TYPE 95 PR 4
= 1" 1/4 GAS

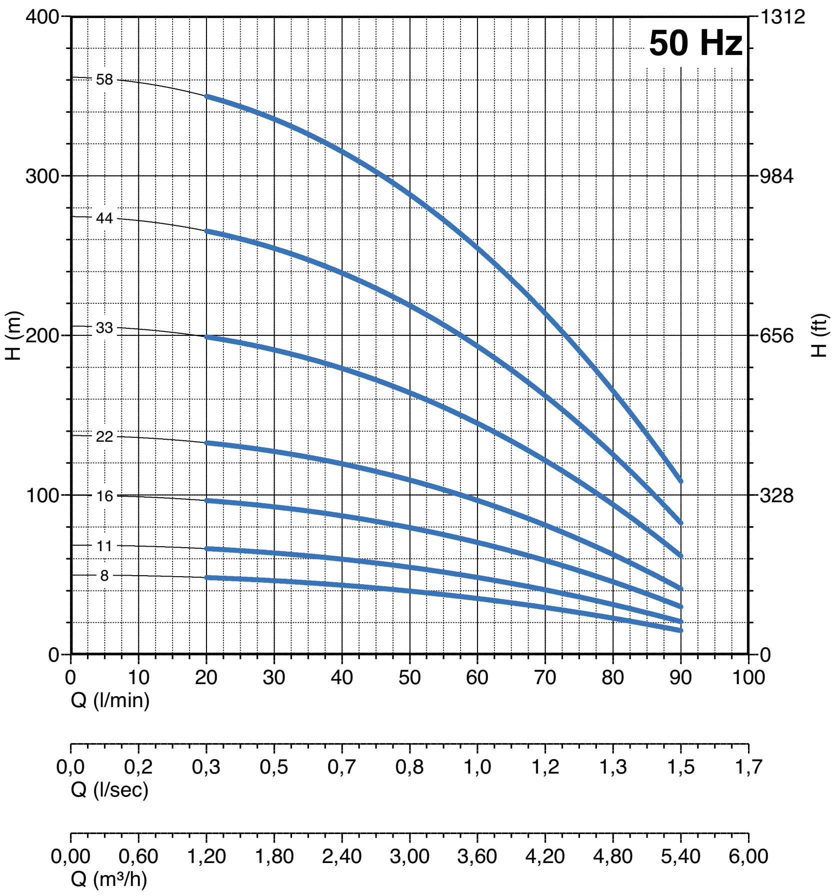
DN : TYPE 95 PR 6
TYPE 95 PR 8
TYPE 95 PR 10
TYPE 95 PR 12
TYPE 95 PR 15
= 2"GAS

Tipo - Type	Motore - Motor - Moteur Caratteristiche a 2900 rpm					Q=Portata - Capacity - Debit						
	Power		Mono Fase Single phase V230		V 400	l/min	0	20	30	40	50	60
						l/sec	0,00	0,33	0,50	0,67	0,83	1,00
	kW	HP	A	µF	A	m³/h	0,0	1,2	1,8	2,4	3,0	3,6
95 PR2 N/10	0,55	0,75	5	20	1,7	H[m]	64	59	53	45	33	17
95 PR2 N/14	0,75	1	6,5	30	2,2		90	83	74	63	46	24
95 PR2 N/21	1,10	1,5	9,6	40	3,1		134	124	111	95	69	36
95 PR2 N/29	1,50	2	11,8	50	4,0		186	171	154	131	96	49
95 PR2 N/42	2,20	3	15,2	76	5,8		269	248	223	189	139	71
95 PR2 N/56	3,00	4	-	-	7,5		358	330	297	252	185	95
95 PR2 N/70	4,00	5,5	-	-	9,8		448	413	371	315	231	119

Dimensioni di ingombro e pesi Overall dimensions and weights								
Tipo - Type	A mm Mono	A mm Tri	B mm	C mm Mono	C mm Tri	M kg Mono	M kg Tri	P kg
95 PR2 N/10	718	698	381	337	317	8	8	4
95 PR2 N/14	831	806	469	362	337	10	10	4,3
95 PR2 N/21	1037	1007	645	392	362	12	12	5,3
95 PR2 N/29	1243	1213	821	422	392	13	13	6,5
95 PR2 N/42	1596	1581	1129	467	452	15	15	8,3
95 PR2 N/56	0	1994	1437	0	557	0	19	10,8
95 PR2 N/70	0	2364	1767	0	597	0	22	13,4

95 PR3 N (4")

CE Tolleranze secondo - **Tollerance according to** - *Tolérances selon*
Tolerancias según norma EN UNI-ISO 9906 - **4" (100 mm)**

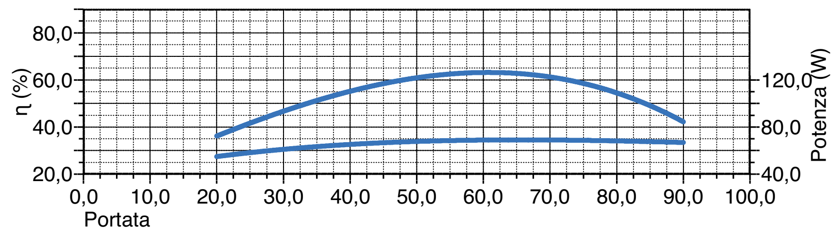


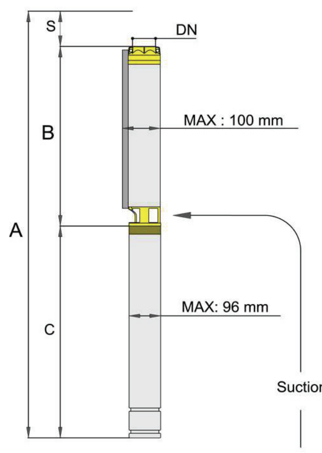
H = Prevalenza totale. **Da 15 a 348 m**
Q = Portata. **Da 20 a 90 l/min**
η% = Rendimento della pompa. **Max 63,0 %**
W/st = Assorbim. per stadio. **Max 69,00**
Massimo contenuto di sabbia. **300 g/m³**
S = Battente minimo (m) **Max 1**

H = Total head. **From 15 to 348 m**
Q = Capacity. **From 20 to 90 l/min**
η% = Pump efficency. **Max 63,0 %**
W/st = Stage absorption. **Max 69,00**
Maximum sand content **300 g/m³**
S = Minimum head (m) **Max 1**

H = hauter manométrique. **From 15 to 348 m**
Q = Débit. **From 20 to 90 l/min**
η% = Rendement de la pompe. **Max 63,0 %**
W/st = Absorption par étage. **Max 69,00**
Contenu maximal de sable. **300 g/m³**
S = Niveau minimal (m). **Max 1**

H =Altura manométrica. **Da 15 a 348 m**
Q = Caudal. **De 20 a 90 l/min**
η% = Rendimiento de la bomba. **Max 63,0 %**
W/st = Potencia absorbida por etapa. **Max 69,00**
Condenito màximo de arena. **300 g/m³**
S = Nivel minimo (m) **Max 1**





DN : TYPE 95 PR 1
TYPE 95 PR 2
TYPE 95 PR 3
TYPE 95 PR 4
= 1" 1/4 GAS

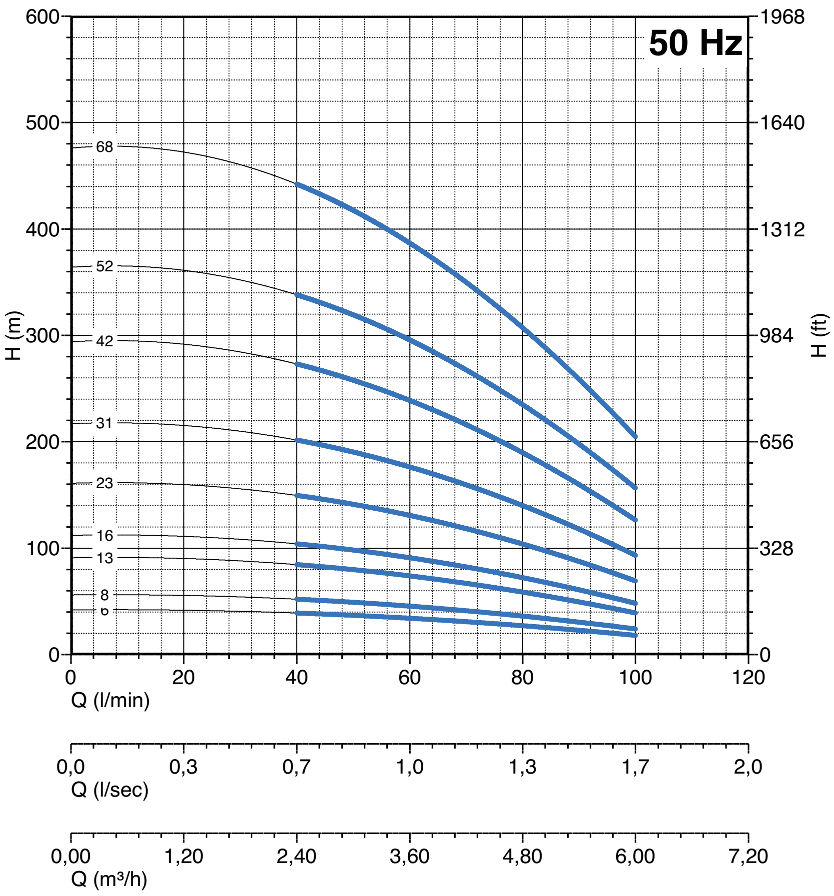
DN : TYPE 95 PR 6
TYPE 95 PR 8
TYPE 95 PR 10
TYPE 95 PR 12
TYPE 95 PR 15
= 2"GAS

Motore - Motor - Moteur Caratteristiche a 2900 rpm						Q=Portata - Capacity - Debit									
Tipo - Type	Power		Mono Fase Single phase V230		V 400	l/min	0	20	30	40	50	60	70	80	90
						l/sec	0,00	0,33	0,50	0,67	0,83	1,00	1,17	1,33	1,50
	kW	HP	A	µF	A	m³/h	0,0	1,2	1,8	2,4	3,0	3,6	4,2	4,8	5,4
95 PR3 N/08	0,55	0,75	5	20	1,3	H[m]	50	48	46	44	40	35	29	23	15
95 PR3 N/11	0,75	1	6,5	30	1,7		69	66	63	61	55	48	40	32	21
95 PR3 N/16	1,10	1,5	9,6	40	2,2		100	96	92	88	80	70	58	46	30
95 PR3 N/22	1,50	2	11,8	50	3,1		138	132	127	121	110	96	80	63	41
95 PR3 N/33	2,20	3	15,2	76	4		206	198	190	182	165	144	120	95	62
95 PR3 N/44	3,00	4	-	-	5,8		275	264	253	242	220	193	160	127	83
95 PR3 N/58	4,00	5,5	-	-	9,8		363	348	334	319	290	254	210	167	109

Dimensioni di ingombro e pesi Overall dimensions and weights								
Tipo - Type	A mm Mono	A mm Tri	B mm	C mm Mono	C mm Tri	M kg Mono	M kg Tri	P kg
95 PR3 N/08	674	654	337	337	317	8	8	3,7
95 PR3 N/11	765	740	403	362	337	10	10	4,5
95 PR3 N/16	927	897	535	392	362	12	12	5,7
95 PR3 N/22	1089	1059	667	422	392	13	13	7,2
95 PR3 N/33	1376	1361	909	467	452	15	15	10
95 PR3 N/44	0	1730	1173	0	557	0	19	12,7
95 PR3 N/58	0	2100	1503	0	597	0	22	16,2

95 PR4 N (4”)

CE Tolleranze secondo - **Tollerance according to** - *Tolérances selon*
Tolerancias según norma EN UNI-ISO 9906 - **4” (100 mm)**

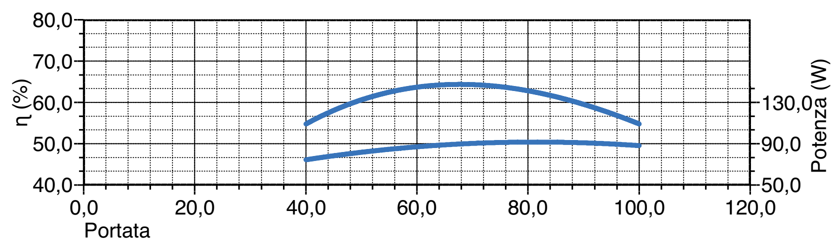


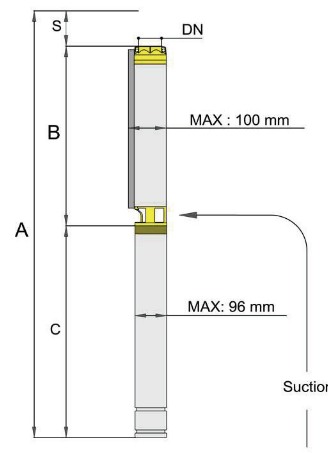
H = Prevalenza totale. **Da 18 a 442 m**
Q = Portata. **Da 40 a 100 l/min**
η% = Rendimento della pompa. **Max 64,5 %**
W/st = Assorbim. per stadio. **Max 92,00**
Massimo contenuto di sabbia. **300 g/m³**
S = Battente minimo (m) **Max 1**

H = Total head. **From 18 to 442 m**
Q = Capacity. **From 40 to 100 l/min**
η% = Pump efficency. **Max 64,5 %**
W/st = Stage absorption. **Max 92,00**
Maximum sand content **300 g/m³**
S = Minimum head (m) **Max 1**

H = hauter manométrique. **From 18 to 442 m**
Q = Débit. **From 40 to 100 l/min**
η% = Rendement de la pompe. **Max 64,5 %**
W/st = Absorption par étage. **Max 92,00**
Contenu maximal de sable. **300 g/m³**
S = Niveau minimal (m). **Max 1**

H =Altura manométrica. **Da 18 a 442 m**
Q = Caudal. **De 40 a 100 l/min**
η% = Rendimiento de la bomba. **Max 64,5 %**
W/st = Potencia absorbida por etapa. **Max 92,00**
Condenito màximo de arena. **300 g/m³**
S = Nivel minimo (m) **Max 1**





DN : TYPE 95 PR 1
TYPE 95 PR 2
TYPE 95 PR 3
TYPE 95 PR 4
= 1" 1/4 GAS

DN : TYPE 95 PR 6
TYPE 95 PR 8
TYPE 95 PR 10
TYPE 95 PR 12
TYPE 95 PR 15
= 2"GAS

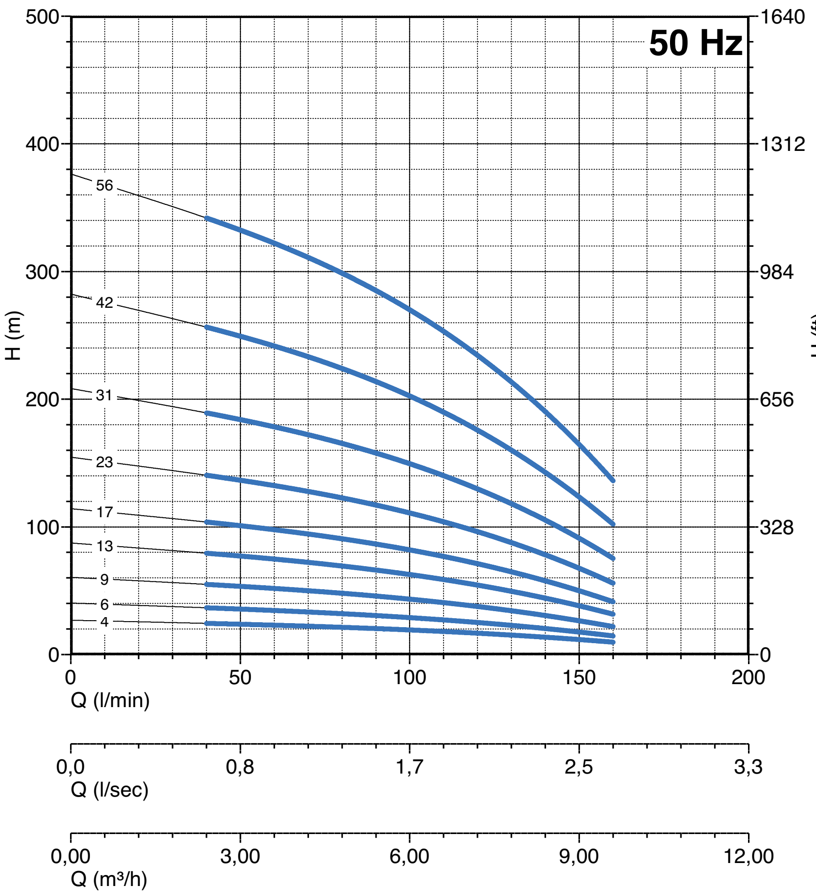
Motore - Motor - Moteur Caratteristiche a 2900 rpm							Q=Portata - Capacity - Debit							
Tipo - Type	Power		Mono Fase Single phase V230		V 400	l/min	0	40	50	60	70	80	90	100
						l/sec	0,00	0,67	0,83	1,00	1,17	1,33	1,50	1,67
	kW	HP	A	μF	A	m³/h	0,0	2,4	3,0	3,6	4,2	4,8	5,4	6,0
95 PR4 N/06	0,55	0,75	5	20	1,3	H[m]	42	39	37	34	31	27	23	18
95 PR4 N/08	0,75	1	6,5	30	1,7		56	52	49	45	41	36	31	24
95 PR4 N/13	1,10	1,5	9,6	40	2,2		91	85	80	74	67	59	50	39
95 PR4 N/16	1,50	2	11,8	50	3,1		112	104	99	91	83	72	61	48
95 PR4 N/23	2,20	3	15,2	76	4		161	150	142	130	119	104	88	69
95 PR4 N/31	3,00	4	-	-	5,8		217	202	191	175	160	140	119	93
95 PR4 N/42	4,00	5,5	-	-	9,8		294	273	259	238	217	189	161	126
95 PR4 N/52	5,50	7,5	-	-	13,5		364	338	320	294	268	234	199	156
95 PR4 N/68	7,50	10	-	-	17,5		476	442	419	385	351	306	260	204

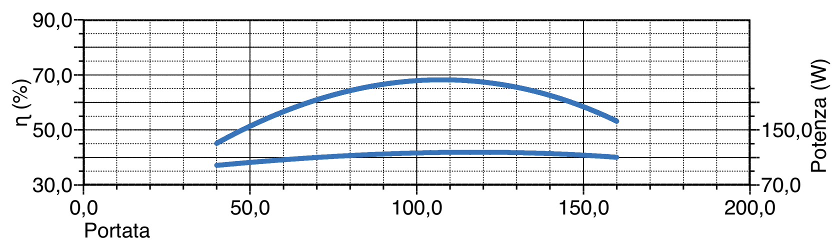
Dimensioni di ingombro e pesi
Overall dimensions and weights

Tipo - Type	A mm Mono	A mm Tri	B mm	C mm Mono	C mm Tri	M kg Mono	M kg Tri	P kg
95 PR4 N/06	630	610	293	337	317	8	8	3,3
95 PR4 N/08	699	674	337	362	337	10	10	3,8
95 PR4 N/13	839	809	447	392	362	12	12	5
95 PR4 N/16	957	927	535	422	392	13	13	5,8
95 PR4 N/23	1156	1141	689	467	452	15	15	10
95 PR4 N/31	0	1422	865	0	557	0	19	12,3
95 PR4 N/42	0	1726	1129	0	597	0	22	15,5
95 PR4 N/52	0	2047	1349	0	698	0	27	18,5
95 PR4 N/68	0	2541	1723	0	818	0	32	23,2

95 PR6 N (4”)

CE Tolleranze secondo - **Tollerance according to** - *Tolérances selon*
Tolerancias según norma EN UNI-ISO 9906 - **4” (100 mm)**



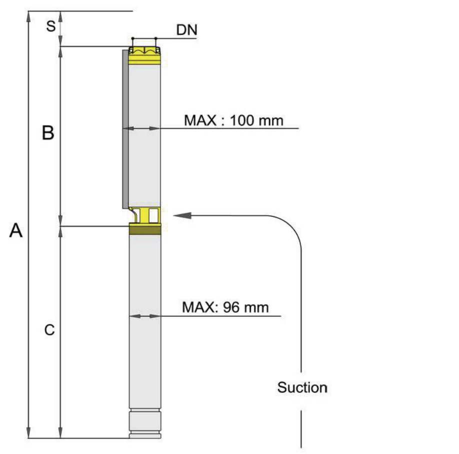


H = Prevalenza totale. **Da 10 a 336 m**
Q = Portata. **Da 40 a 160 l/min**
η% = Rendimento della pompa. **Max 68,0 %**
W/st = Assorbim. per stadio. **Max 118,00**
Massimo contenuto di sabbia. **300 g/m³**
S = Battente minimo (m) **Max 1**

H = Total head. **From 10 to 336 m**
Q = Capacity. **From 40 to 160 l/min**
η% = Pump efficency. **Max 68,0 %**
W/st = Stage absorption. **Max 118,00**
Maximum sand content **300 g/m³**
S = Minimum head (m) **Max 1**

H = hauter manométrique. **From 10 to 336 m**
Q = Débit. **From 40 to 160 l/min**
η% = Rendement de la pompe. **Max 68,0 %**
W/st = Absorption par étage. **Max 118,00**
Contenu maximal de sable. **300 g/m³**
S = Niveau minimal (m). **Max 1**

H =Altura manométrica. **Da 10 a 336 m**
Q = Caudal. **De 40 a 160 l/min**
η% = Rendimiento de la bomba. **Max 68,0 %**
W/st = Potencia absorbida por etapa. **Max 118,00**
Condenito màximo de arena. **300 g/m³**
S = Nivel minimo (m) **Max 1**



DN : TYPE 95 PR 1
TYPE 95 PR 2
TYPE 95 PR 3
TYPE 95 PR 4
= 1" 1/4 GAS

DN : TYPE 95 PR 6
TYPE 95 PR 8
TYPE 95 PR 10
TYPE 95 PR 12
TYPE 95 PR 15
= 2"GAS

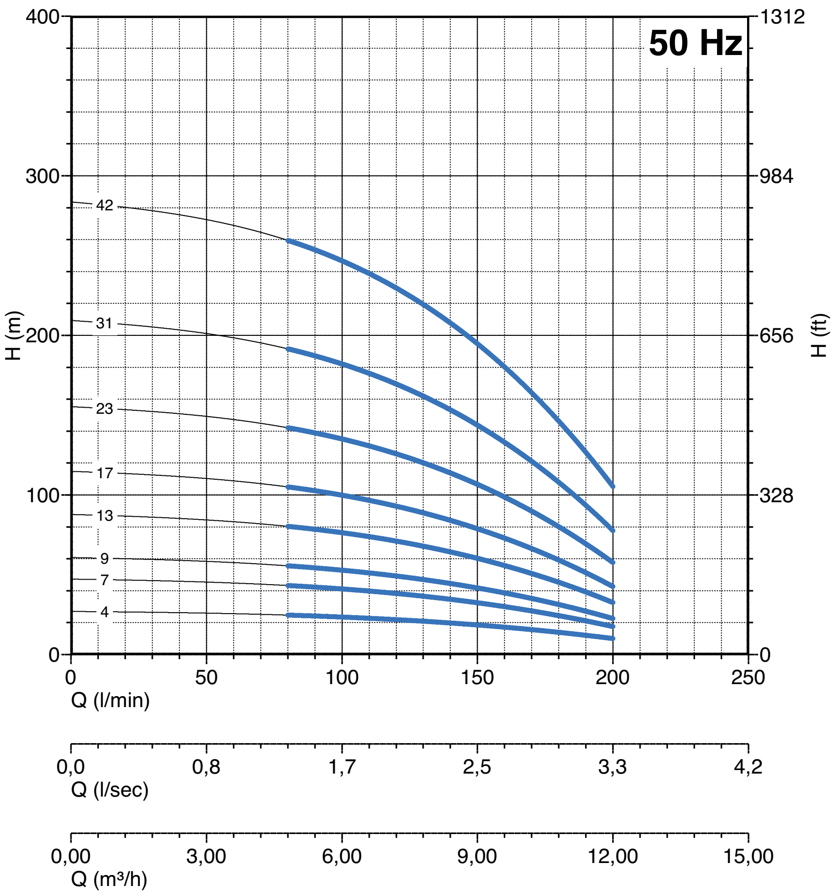
Tipo - Type	Motore - Motor - Moteur Caratteristiche a 2900 rpm						Q=Portata - Capacity - Debit							
	Power		Mono Fase Single phase V230		V 400	l/min	0	40	60	80	100	120	140	160
						l/sec	0,00	0,67	1,00	1,33	1,67	2,00	2,33	2,67
	kW	HP	A	μF	A	m³/h	0,0	2,4	3,6	4,8	6,0	7,2	8,4	9,6
95 PR6 N/04	0,55	0,75	5	20	1,7	H[m]	27	24	23	22	19	17	13	10
95 PR6 N/06	0,75	1	6,5	30	2,2		41	36	35	33	29	26	20	15
95 PR6 N/09	1,10	1,5	9,6	40	3,2		61	54	52	50	43	38	29	23
95 PR6 N/13	1,50	2	11,8	50	4		88	78	75	72	62	55	42	33
95 PR6 N/17	2,20	3	15,2	76	5,9		115	102	98	94	81	72	55	43
95 PR6 N/23	3,00	4	-	-	7,8		155	138	132	127	109	98	75	58
95 PR6 N/31	4,00	5,5	-	-	9,8		209	186	178	171	147	132	101	78
95 PR6 N/42	5,50	7,5	-	-	13,5		284	252	242	231	200	179	137	105
95 PR6 N/56	7,50	10	-	-	17,5		378	336	322	308	266	238	182	140

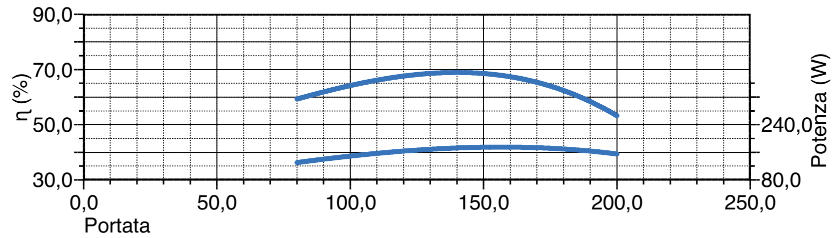
Dimensioni di ingombro e pesi
Overall dimensions and weights

Tipo - Type	A mm Mono	A mm Tri	B mm	C mm Mono	C mm Tri	M kg Mono	M kg Tri	P kg
95 PR6 N/04	618	598	281	337	317	8	8	3
95 PR6 N/06	703	678	341	362	337	10	10	3,5
95 PR6 N/09	823	793	431	392	362	12	12	4,5
95 PR6 N/13	995	965	573	422	392	13	13	6
95 PR6 N/17	1160	1145	693	467	452	15	15	7,5
95 PR6 N/23	0	1430	873	0	557	0	19	8,5
95 PR6 N/31	0	1732	1135	0	597	0	22	11
95 PR6 N/42	0	2185	1487	0	698	0	27	15,5
95 PR6 N/56	0	2747	1929	0	818	0	32	20

95 PR8 N (4")

CE Tolleranze secondo - **Tollerance according to** - *Tolérances selon*
Tolerancias según norma EN UNI-ISO 9906 - **4" (100 mm)**



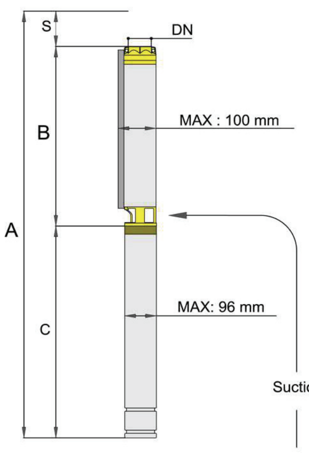


H = Prevalenza totale. **Da 10 a 263 m**
Q = Portata. **Da 80 a 200 l/min**
η% = Rendimento della pompa. **Max 69,0 %**
W/st = Assorbim. per stadio. **Max 174,00**
Massimo contenuto di sabbia. **300 g/m³**
S = Battente minimo (m) **Max 1**

H = Total head. **From 10 to 263 m**
Q = Capacity. **From 80 to 200 l/min**
η% = Pump efficency. **Max 69,0 %**
W/st = Stage absorption. **Max 174,00**
Maximum sand content **300 g/m³**
S = Minimum head (m) **Max 1**

H = hauter manométrique. **From 10 to 263 m**
Q = Débit. **From 80 to 200 l/min**
η% = Rendement de la pompe. **Max 69,0 %**
W/st = Absorption par étage. **Max 174,00**
Contenu maximal de sable. **300 g/m³**
S = Niveau minimal (m). **Max 1**

H =Altura manométrica. **Da 10 a 263 m**
Q = Caudal. **De 80 a 200 l/min**
η% = Rendimiento de la bomba. **Max 69,0 %**
W/st = Potencia absorbida por etapa. **Max 174,00**
Condenito màximo de arena. **300 g/m³**
S = Nivel minimo (m) **Max 1**



DN : TYPE 95 PR 1
TYPE 95 PR 2
TYPE 95 PR 3
TYPE 95 PR 4
= 1" 1/4 GAS

DN : TYPE 95 PR 6
TYPE 95 PR 8
TYPE 95 PR 10
TYPE 95 PR 12
TYPE 95 PR 15
= 2"GAS

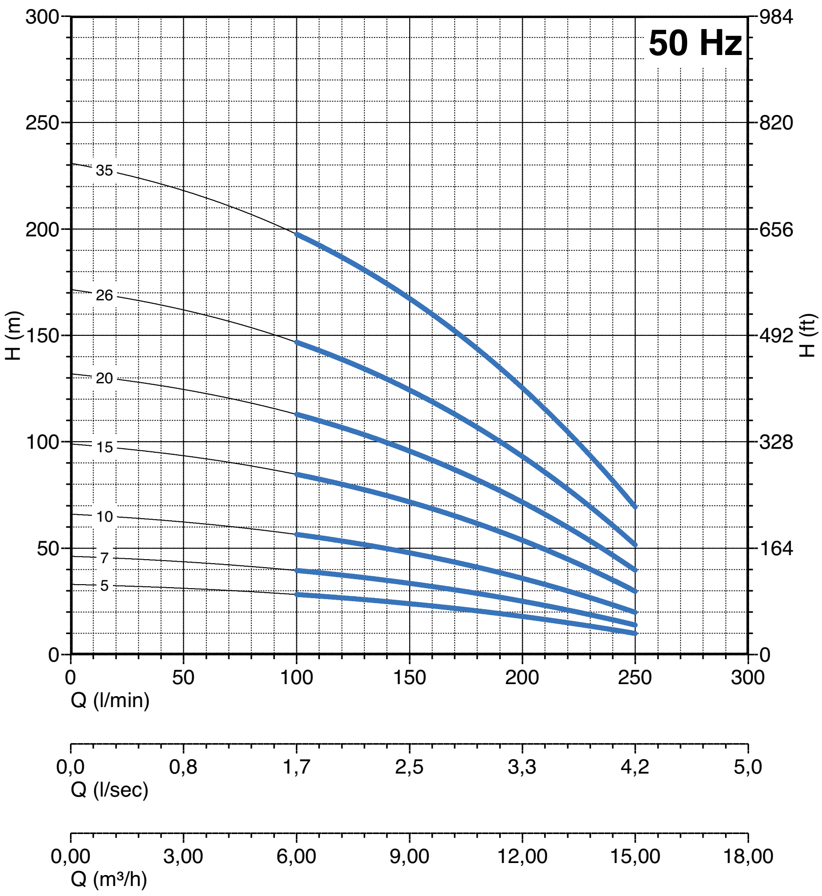
Tipo - Type	Motore - Motor - Moteur Caratteristiche a 2900 rpm					Q=Portata - Capacity - Debit									
	Power		Mono Fase Single phase V230		V 400	l/min	0	80	100	120	140	160	180	200
						l/sec	0,00	1,33	1,67	2,00	2,33	2,67	3,00	3,33
	kW	HP	A	µF	A	m³/h	0,0	4,8	6,0	7,2	8,4	9,6	10,8	12,0
95 PR8 N/04	0,75	1	6,5	30	2,2	H[m]	27	25	23	22	20	17	14	10
95 PR8 N/07	1,10	1,5	9,6	40	3,1		47	44	40	39	35	30	25	18
95 PR8 N/09	1,50	2	11,8	50	4		61	56	52	50	45	38	32	23
95 PR8 N/13	2,20	3	15,2	76	5,8		88	81	75	72	65	55	46	33
95 PR8 N/17	3,00	4	-	-	7,5		115	106	98	94	85	72	60	43
95 PR8 N/23	4,00	5,5	-	-	9.8		155	144	132	127	115	98	81	58
95 PR8 N/31	5,50	7,5	-	-	13.5		209	194	178	171	155	132	109	78
95 PR8 N/42	7,50	10	-	-	17.5		284	263	242	231	210	179	147	105

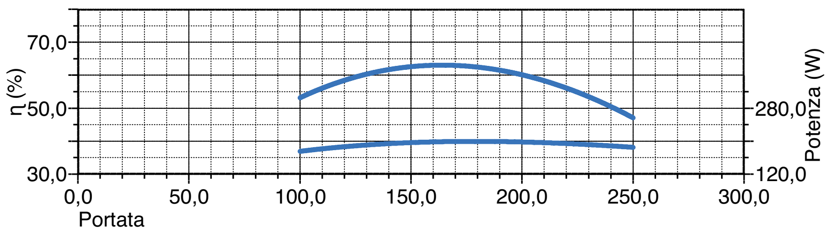
Dimensioni di ingombro e pesi
Overall dimensions and weights

Tipo - Type	A mm Mono	A mm Tri	B mm	C mm Mono	C mm Tri	M kg Mono	M kg Tri	P kg
95 PR8 N/04	643	618	281	362	337	10	10	3
95 PR8 N/07	763	733	371	392	362	12	12	4
95 PR8 N/09	853	823	431	422	392	13	13	4,5
95 PR8 N/13	1040	1025	573	467	452	15	15	6
95 PR8 N/17	0	1250	693	0	557	0	19	7,5
95 PR8 N/23	0	1470	873	0	597	0	22	8,5
95 PR8 N/31	0	1833	1135	0	698	0	27	11
95 PR8 N/42	0	2305	1487	0	818	0	32	15

95 PR10 N 4”

CE Tolleranze secondo - **Tollerance according to** - *Tolérances selon*
Tolerancias según norma EN UNI-ISO 9906 - **4” (100 mm)**



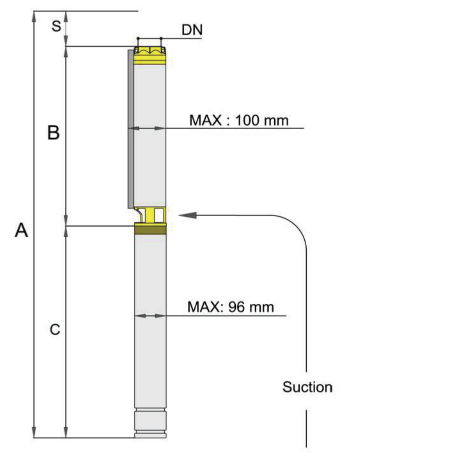


H = Prevalenza totale. **Da 10 a 196 m**
Q = Portata. **Da 100 a 250 l/min**
η% = Rendimento della pompa. **Max 63,0 %**
W/st = Assorbim. per stadio. **Max 200,00**
Massimo contenuto di sabbia. **300 g/m³**
S = Battente minimo (m) **Max 1**

H = Total head. **From 10 to 196 m**
Q = Capacity. **From 100 to 250 l/min**
η% = Pump efficency. **Max 63,0 %**
W/st = Stage absorption. **Max 200,00**
Maximum sand content **300 g/m³**
S = Minimum head (m) **Max 1**

H = hauter manométrique. **From 10 to 196 m**
Q = Débit. **From 100 to 250 l/min**
η% = Rendement de la pompe. **Max 63,0 %**
W/st = Absorption par étage. **Max 200,00**
Contenu maximal de sable. **300 g/m³**
S = Niveau minimal (m). **Max 1**

H =Altura manométrica. **Da 10 a 196 m**
Q = Caudal. **De 100 a 250 l/min**
η% = Rendimiento de la bomba. **Max 63,0 %**
W/st = Potencia absorbida por etapa. **Max 200,00**
Condenito màximo de arena. **300 g/m³**
S = Nivel minimo (m) **Max 1**



DN : TYPE 95 PR 1
TYPE 95 PR 2
TYPE 95 PR 3
TYPE 95 PR 4
= 1" 1/4 GAS

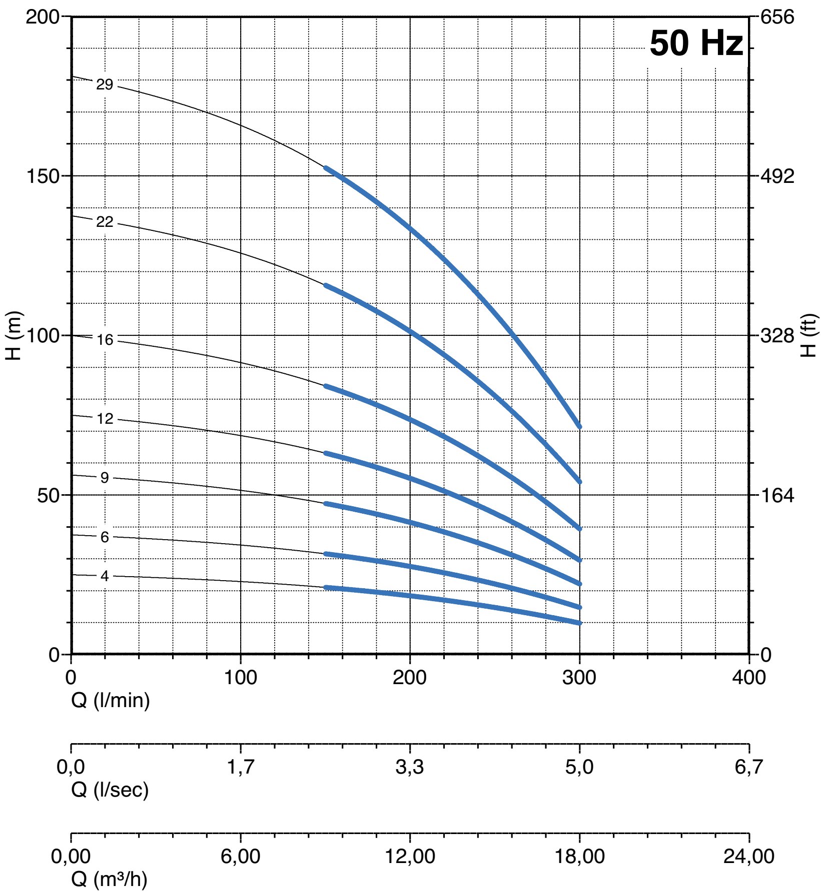
DN : TYPE 95 PR 6
TYPE 95 PR 8
TYPE 95 PR 10
TYPE 95 PR 12
TYPE 95 PR 15
= 2"GAS

Motore - Motor - Moteur Caratteristiche a 2900 rpm							Q=Portata - Capacity - Debit							
Tipo - Type	Power		Mono Fase Single phase V230		V 400	l/min	0	100	125	150	175	200	225	250
						l/sec	0,00	1,67	2,08	2,50	2,92	3,33	3,75	4,17
	kW	HP	A	μF	A	m³/h	0,0	6,0	7,5	9,0	10,5	12,0	13,5	15,0
95 PR10 N/05	1,10	1,5	9,6	40	3,1	H[m]	33	28	27	24	21	18	14	10
95 PR10 N/07	1,50	2	11,8	50	4		46	39	37	34	29	25	20	14
95 PR10 N/10	2,20	3	15,2	76	5,8		66	56	53	48	42	36	28	20
95 PR10 N/15	3,00	4	-	-	7,5		99	84	80	72	63	54	42	30
95 PR10 N/20	4,00	5,5	-	-	9,8		132	112	106	96	84	72	56	40
95 PR10 N/26	5,50	7,5	-	-	13,5		172	146	138	125	109	94	73	52
95 PR10 N/35	7,50	10	-	-	17,5		231	196	186	168	147	126	98	70

Dimensioni di ingombro e pesi Overall dimensions and weights								
Tipo - Type	A mm Mono	A mm Tri	B mm	C mm Mono	C mm Tri	M kg Mono	M kg Tri	P kg
95 PR10 N/05	758	728	366	392	362	12	12	4,5
95 PR10 N/07	870	840	448	422	392	13	13	5,4
95 PR10 N/10	1060	1045	593	467	452	15	15	6,5
95 PR10 N/15	0	1355	798	0	557	0	19	7,6
95 PR10 N/20	0	1622	1025	0	597	0	22	11,5
95 PR10 N/26	0	1969	1271	0	698	0	27	13,7
95 PR10 N/35	0	2480	1662	0	818	0	32	17,8

95 PR12 N (4")

CE Tolleranze secondo - **Tollerance according to** - *Tolérances selon*
Tolerancias según norma EN UNI-ISO 9906 - **4" (100 mm)**

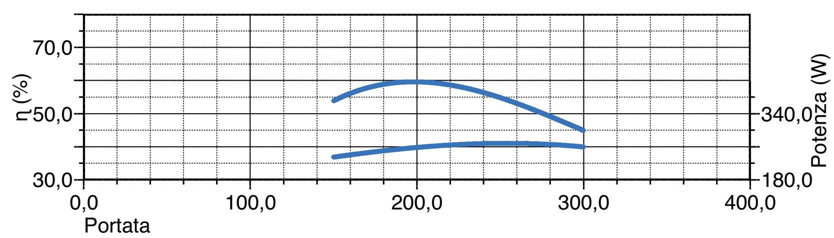


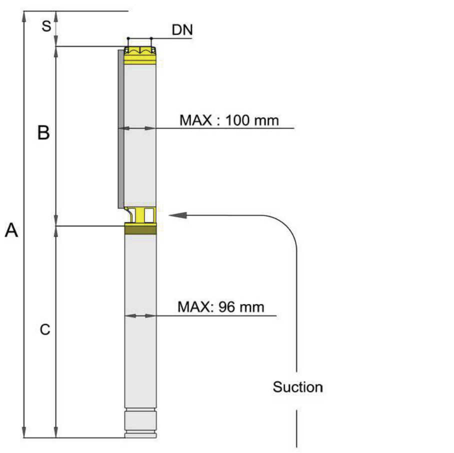
H = Prevalenza totale. **Da 10 a 152 m**
Q = Portata. **Da 150 a 300 l/min**
η% = Rendimento della pompa. **Max 60,0 %**
W/st = Assorbim. per stadio. **Max 270,00**
Massimo contenuto di sabbia. **300 g/m³**
S = Battente minimo (m) **Max 1**

H = Total head. **From 10 to 152 m**
Q = Capacity. **From 150 to 300 l/min**
η% = Pump efficency. **Max 60,0 %**
W/st = Stage absorption. **Max 270,00**
Maximum sand content **300 g/m³**
S = Minimum head (m) **Max 1**

H = hauter manométrique. **From 10 to 152 m**
Q = Débit. **From 150 to 300 l/min**
η% = Rendement de la pompe. **Max 60,0 %**
W/st = Absorption par étage. **Max 270,00**
Contenu maximal de sable. **300 g/m³**
S = Niveau minimal (m). **Max 1**

H =Altura manométrica. **Da 10 a 152 m**
Q = Caudal. **De 150 a 300 l/min**
η% = Rendimiento de la bomba. **Max 60,0 %**
W/st = Potencia absorbida por etapa. **Max 270,00**
Condenito màximo de arena. **300 g/m³**
S = Nivel minimo (m) **Max 1**





DN : TYPE 95 PR 1
TYPE 95 PR 2
TYPE 95 PR 3
TYPE 95 PR 4
= 1" 1/4 GAS

DN : TYPE 95 PR 6
TYPE 95 PR 8
TYPE 95 PR 10
TYPE 95 PR 12
TYPE 95 PR 15
= 2"GAS

Tipo - Type	Motore - Motor - Moteur Caratteristiche a 2900 rpm						Q=Portata - Capacity - Debit								
	Power		Mono Fase Single phase V230		V 400	l/min	0	150	175	200	225	250	275	300
						l/sec	0,00	2,50	2,92	3,33	3,75	4,17	4,58	5,00
	kW	HP	A	µF	A	m³/h	0,0	9,0	10,5	12,0	13,5	15,0	16,5	18,0
95 PR12 N/04	1,10	1,5	9,6	40	3,1	H[m]	25	21	20	18	17	15	12	10
95 PR12 N/06	1,50	2	11,8	50	4		38	32	30	27	26	23	18	15
95 PR12 N/09	2,20	3	15,2	76	5,8		56	47	45	41	38	34	27	23
95 PR12 N/12	3,00	4	-	-	7,5		75	63	60	54	51	45	36	30
95 PR12 N/16	4,00	5,5	-	-	9,8		100	84	80	72	68	60	48	40
95 PR12 N/22	5,50	7,5	-	-	13,5		138	116	110	99	94	83	66	55
95 PR12 N/29	7,50	10	-	-	17,5		181	152	145	131	123	109	87	73

Dimensioni di ingombro e pesi Overall dimensions and weights								
Tipo - Type	A mm Mono	A mm Tri	B mm	C mm Mono	C mm Tri	M kg Mono	M kg Tri	P kg
95 PR12 N/04	717	687	325	392	362	12	12	4
95 PR12 N/06	829	799	407	422	392	13	13	5,5
95 PR12 N/09	1019	1004	552	467	452	15	15	6,3
95 PR12 N/12	0	1232	675	0	557	0	19	7,5
95 PR12 N/16	0	1436	839	0	597	0	22	10
95 PR12 N/22	0	1805	1107	0	698	0	27	13
95 PR12 N/29	0	2234	1416	0	818	0	32	15,8

PANELLI®

www.panellipumps.it   info@panellipumps.it

95 NX N/
4''(100 mm)

Elettropompe sommerse radiali
Radial electric submersible pumps
Electropompes immergèes radiales

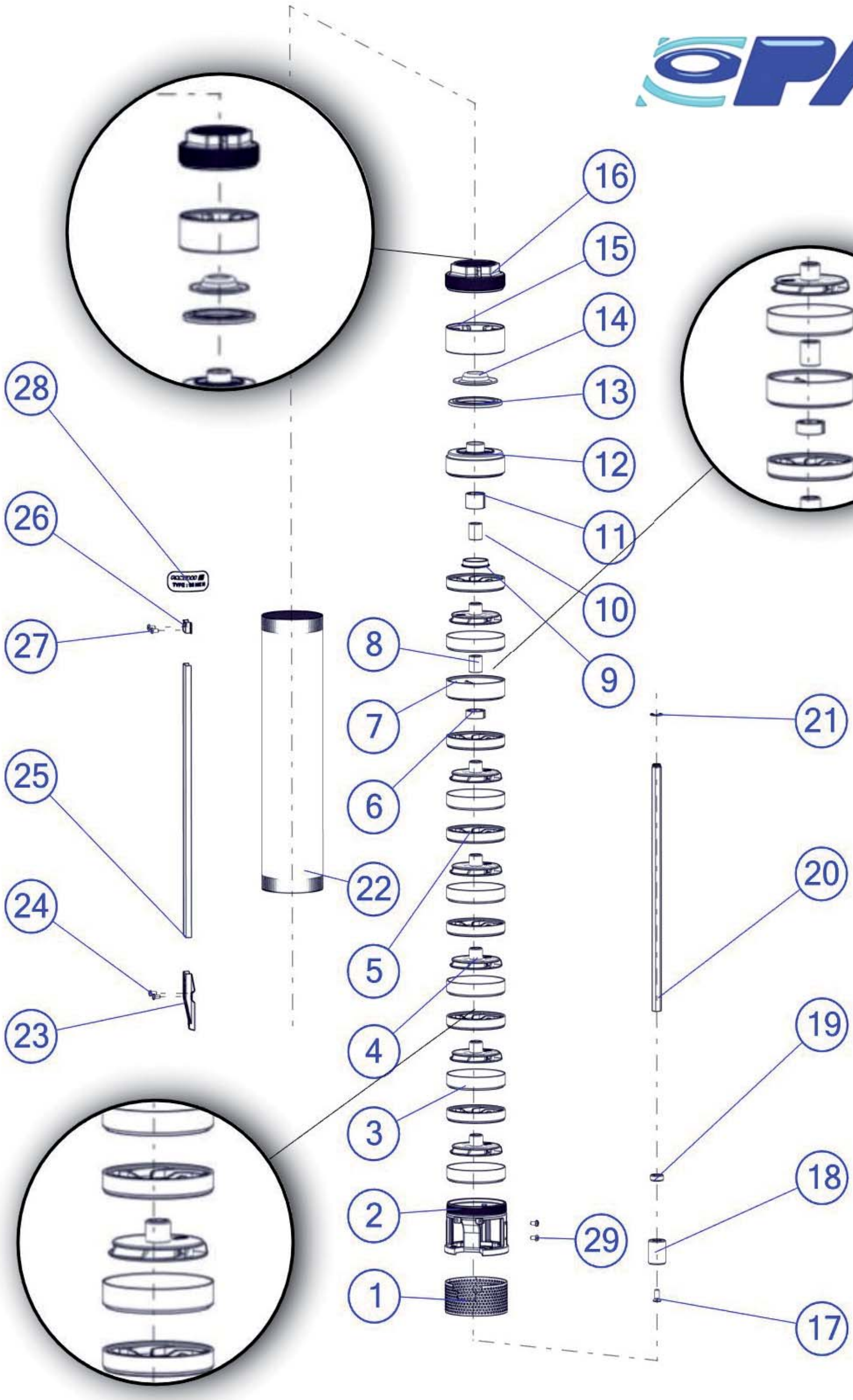
ELETTROPOMPE SOMMERSE INTUBATE 4''
SERIE 95 NX N/ :
PORTATE FINO A 370 L/MIN
PREVALENZE FINO A 470 METRI
POTENZE FINO A 10 HP (7,5 Kw).

ELECTRIC SUBMERSIBLE PUMPS CASED VERSION 4''
SERIE 95 NX N/ :
CAPACITY UP TO 370 L/MIN
MANOMETRIC HEAD UP TO 470 METERS
POWER UP TO 10 HP (7,5 Kw).

E**LECTROPOMPES IMMERGEES TUBEE 4''**
SERIES 95 NX N/ :
CAPACITE' JUSQU' A' 370 L/MIN
HAUTEUR MANOMETRIQUE JUSQU' A' 470 METERS
PUISSANCE JUSQU' A' 10 HP (7,5 Kw).

Via Rana n°63/65 - Z.I. D5 - 15122 Spinetta M.go - Alessandria - ITALY - Tel. +39 0131 619506 - Fax +39 0131 619017 - E-mail : info@panellipumps.it - Web: www.panellipumps.it

95 NX 4''(100 mm)



Elettropompe sommerse radiali
Radial electric submersible pumps
Electropompes immergèes radiales

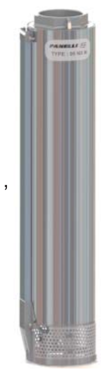
Costruzione pompe
Pump construction
Construction pompes

95 NX				
N.CODE	DESCRIZIONE (ITALIANO)	DESCRIPTION (ENGLISH)	DESCRIPTION (FRANCAIS)	MATERIAL
1	SUCCHERUOLA	SUCTION STRAINER	CREPINE	AISI 304
2	GABBIA DI ASPIRAZIONE	SUCTION CAGE	CAGE D'ASPIRATION	AISI 410
3	ELEMENTO INTERMEDIO	INTERMEDIATE CASING	ELEMENT INTERMEDIARE	AISI 304
4	GIRANTE	IMPELLER	ROUE	POLYCARBONATE
5	DIFFUSORE	DIFFUSEUR	DIFFUSEUR	NORYL GFN2
6	BRONZINA SUPPORTO INTERMEDIO	INTERMEDIATE BEARING BUSH	COUSSINET BEARING BUSH	RUBBER NBR
7	SUPPORTO INTERMEDIO	INTERMEDIATE SUPPORT	SUPPORT INTERMEDIARE	NORYL GFN2
8	DISTANZIATORE INTERMEDIO	INTERMEDIATE SPACER	ENTRETOISE INTERMEDIARE	AISI 304
9	PARASABBIA	SAND GUARD	PARA SABLE	NORYL GFN2
10	DISTANZIATORE SUPPORTO SUPERIORE	SPACER UPPER SUPPORT	SUPPORT SUPERIEURE SPACER	AISI 304
11	BRONZINA SUPPORTO SUPERIORE	UPPER BEARING BUSH	COUSSINET SUPPORT SUPERIEURE	RUBBER NBR
12	SUPPORTO SUPERIORE	UPPER SUPPORT	SUPPORT SUPERIEURE	NORYL GFN2
13	GUARNIZIONE FARFALLA	GASLET VALVE	VALVE GASKET	RUBBER NBR
14	FARFALLA	CAP VALVE	PLAT	AISI 304
15	ANELLO RACCORDO MANDATA	RING CONNECTOR DELIVERY BOWL	RING CONNECTEUR PLAT	NORYL GFN2
16	MANDATA	DELIVERY BOWL	REFOULEMENT	AISI 410
17	VITE M6X12	SCREW M6X12	VIS M6X12	AISI 304
18	GIUNTO DI TRAINO FLOTTANTE	FLOATING JOINT	JOINT FLOTTANT	AISI 304
19	DISTANZIATORE PRIMA GIRANTE	SPACER FIRST IMPELLER	ENTRETOISE PREMIERE ROUE	POLYCARBONATE
20	ALBERO POMPA	PUMP SHAFT	ARBRE POMPE	AISI 420
21	SEEGER	SEEGER	SEEGER	AISI 304
22	CAMICIA	SLEEVE	CHEMISE	AISI 304
23	STAFFETTA INFERIORE	LOWER FLANGE	BRIDE INFERIEURE	AISI 304
24	N.2 VITI M4 X 10 PER STAFFETTA INFERIORE	N.2 SCREW M4X10 FOR LOWER FLANGE	N.2 VIS M4X10 POUR BRIDE INFERIEURE	AISI 304
25	COPRICAVO	COVER CABLE	PROTECTION CABLE	AISI 304
26	STAFFETTA SUPERIORE	UPPER FLANGE	BRIDE SUPERIEURE	AISI 304
27	N.2 VITI M4 X 10 PER STAFFETTA SUPERIORE	N.2 SCREW M4X10 FOR UPPER FLANGE	N.2 VIS M4X10 POUR BRIDE SUPERIEURE	AISI 304
28	ETICHETTA ADESIVA	ADHESIVE LABEL	ADHESIVE ÉTIQUETTE	ADHESIVE PAPER

ELETTROPOMPE SOMMERSE INTUBATE 4'' SERIE 95 NX / : PORTATE FINO A 370 L/MIN , PREVALENZE FINO A 470 METRI , POTENZE FINO A 10 HP (7,5 Kw).

ELECTRIC SUBMERSIBLE PUMPS CASED VERSION 4'' SERIE 95 NX / : CAPACITY UP TO 370 L/MIN , MANOMETRIC HEAD UP TO 470 METERS ,POWER UP TO 10 HP (7,5 Kw).

ELECTROPOMPES IMMERGEES TUBEE 4'' SERIES 95 NX / : CAPACITE' JUSQU' A' 370 L/MIN , HAUTEUR MANOMETRIQUE JUSQU' A' 470 METERS ,PUISSANCE JUSQU' A' 10 HP (7,5 Kw).

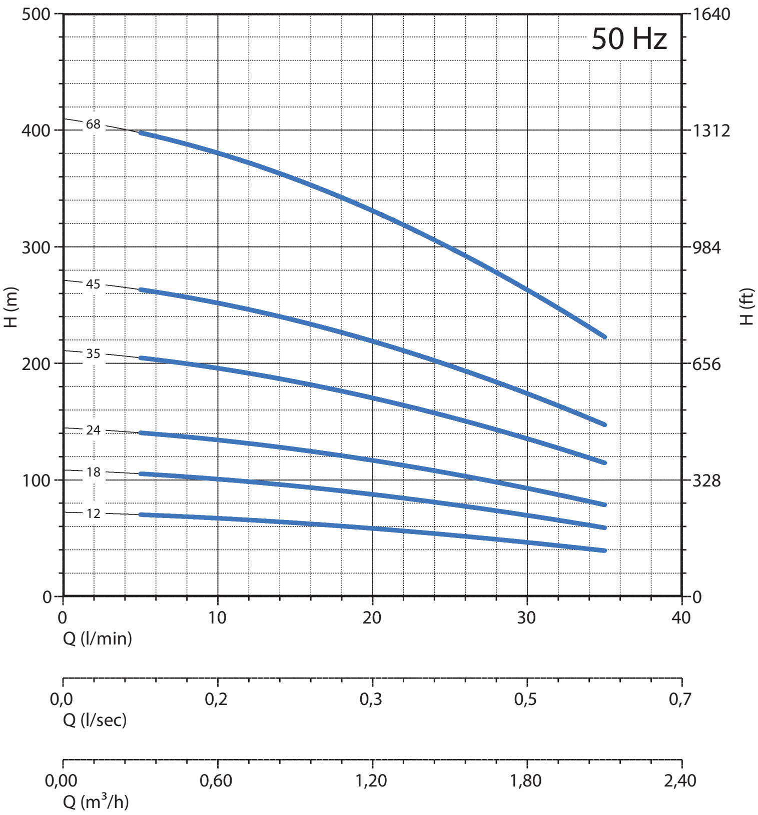


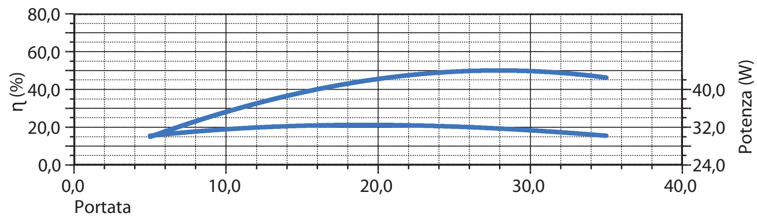
Date:05/2015

Via Rana n°63/65 - Z.I. D5 - 15122 Spinetta M.go - Alessandria - ITALY - Tel. +39 0131 619506 - Fax +39 0131 619017 - E-mail : info@panellipumps.it - Web: www.panellipumps.it

95 NX1 N (4")

CE Tolleranze secondo - Tollerance according to - Tolérances selon
Tolerancias según norma EN UNI-ISO 9906 - 4" (100 mm)



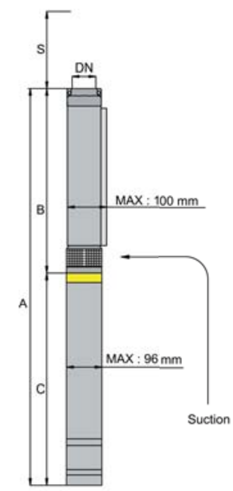


H = Prevalenza totale. Da 39 a 402 m
Q = Portata. Da 5 a 35 l/min
η% = Rendimento della pompa. Max 49,8 %
W/st = Assorbim. per stadio. Max 32,20
Massimo contenuto di sabbia. 300 g/m^3
S = Battente minimo (m) Max 1

H = Total head. From 39 to 402 m
Q = Capacity. From 5 to 35 l/min
η% = Pump efficency. Max 49,8 %
W/st = Stage absorption. Max 32,20
Maximum sand content 300 g/m^3
S = Minimum head (m) Max 1

H = hauter manométrique. From 39 to 402 m
Q = Débit. From 5 to 35 l/min
η% = Rendement de la pompe. Max 49,8 %
W/st = Absorption par étage. Max 32,20
Contenu maximal de sable. 300 g/m^3
S = Niveau minimal (m). Max 1

H =Altura manométrica. Da 39 a 402 m
Q = Caudal. De 5 a 35 l/min
η% = Rendimiento de la bomba. Max 49,8 %
W/st = Potencia absorbida por etapa. Max 32,20
Condenito màximo de arena. 300 g/m^3
S = Nivel minimo (m) Max 1



DN : TYPE 95 NX 1
TYPE 95 NX 2
TYPE 95 NX 3
TYPE 95 NX 4
= 1" 1/4 GAS

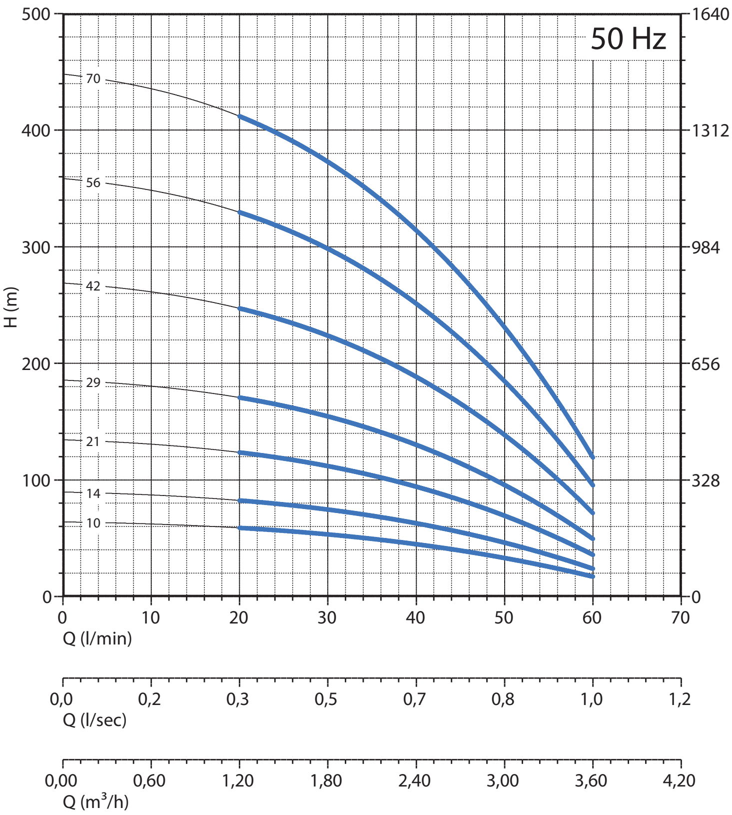
DN : TYPE 95 NX 6
TYPE 95 NX 8
TYPE 95 NX 10
TYPE 95 NX 12
= 2" GAS

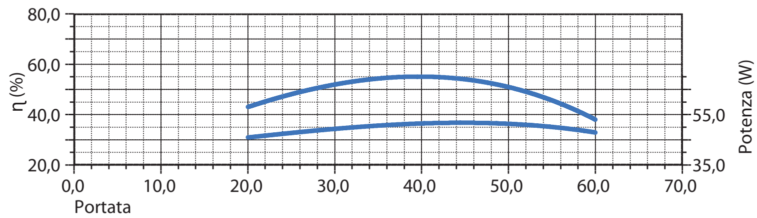
Motore - Motor - Moteur Caratteristiche a 2900 rpm						Q=Portata - Capacity - Debit								
Tipo - Type	Power		Mono Fase Single phase V230		V 400	l/min	0	5	10	15	20	25	30	35
						l/sec	0,00	0,08	0,17	0,25	0,33	0,42	0,50	0,58
	kW	HP	A	μF	A	m^3/h	0,0	0,3	0,6	0,9	1,2	1,5	1,8	2,1
95 NX 1 N/12	0,37	0,5	3,5	12,5	1,3	H[m]	72	71	67	63	58	53	47	39
95 NX 1 N/18	0,55	0,75	5	16	1,7		108	106	100	95	87	79	70	59
95 NX 1 N/24	0,75	1	6,5	20	2,2		144	142	134	126	116	106	94	78
95 NX 1 N/35	1,10	1,5	9,6	30	3,1		210	207	195	184	169	154	137	114
95 NX 1 N/45	1,50	2	11,8	40	4		270	266	251	236	217	198	176	146
95 NX 1 N/68	2,20	3	15,2	50	5,8		408	402	379	357	328	300	266	221

Dimensioni di ingombro e pesi Overall dimensions and weights								
Tipo - Type	A mm Mono	A mm Tri	B mm	C mm Mono	C mm Tri	M kg Mono	M kg Tri	P kg
95 NX 1 N/12	742	675	425	317	250	6	7	4,5
95 NX 1 N/18	894	874	557	337	317	8	8	5,7
95 NX 1 N/24	1073	1048	711	362	337	10	10	7
95 NX 1 N/35	1345	1315	953	392	362	12	12	9,3
95 NX 1 N/45	1617	1587	1195	422	392	13	13	11,5
95 NX 1 N/68	2190	2175	1723	467	452	15	15	14,5

95 NX2 N (4")

CE Tolleranze secondo - Tollerance according to - Tolérances selon
Tolerancias según norma EN UNI-ISO 9906 - 4" (100 mm)



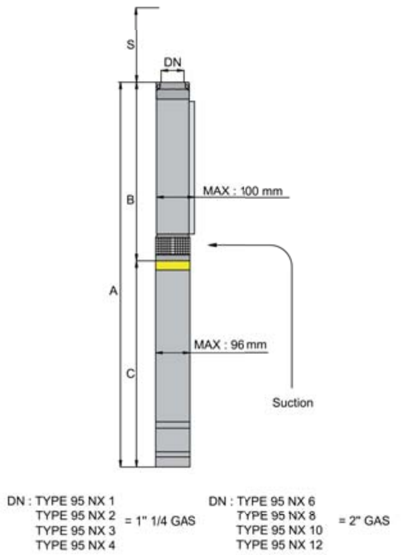


H = Prevalenza totale. Da 17 a 413 m
Q = Portata. Da 20 a 60 l/min
η% = Rendimento della pompa. Max 55,0 %
W/st = Assorbim. per stadio. Max 52,00
Massimo contenuto di sabbia. 300 g/m^3
S = Battente minimo (m) Max 1

H = Total head. From 17 to 413 m
Q = Capacity. From 20 to 60 l/min
η% = Pump efficency. Max 55,0 %
W/st = Stage absorption. Max 52,00
Maximum sand content 300 g/m^3
S = Minimum head (m) Max 1

H = hauter manométrique. From 17 to 413 m
Q = Débit. From 20 to 60 l/min
η% = Rendement de la pompe. Max 55,0 %
W/st = Absorption par étage. Max 52,00
Contenu maximal de sable. 300 g/m^3
S = Niveau minimal (m). Max 1

H =Altura manométrica. Da 17 a 413 m
Q = Caudal. De 20 a 60 l/min
η% = Rendimiento de la bomba. Max 55,0 %
W/st = Potencia absorbida por etapa. Max 52,00
Condenito màximo de arena. 300 g/m^3
S = Nivel minimo (m) Max 1



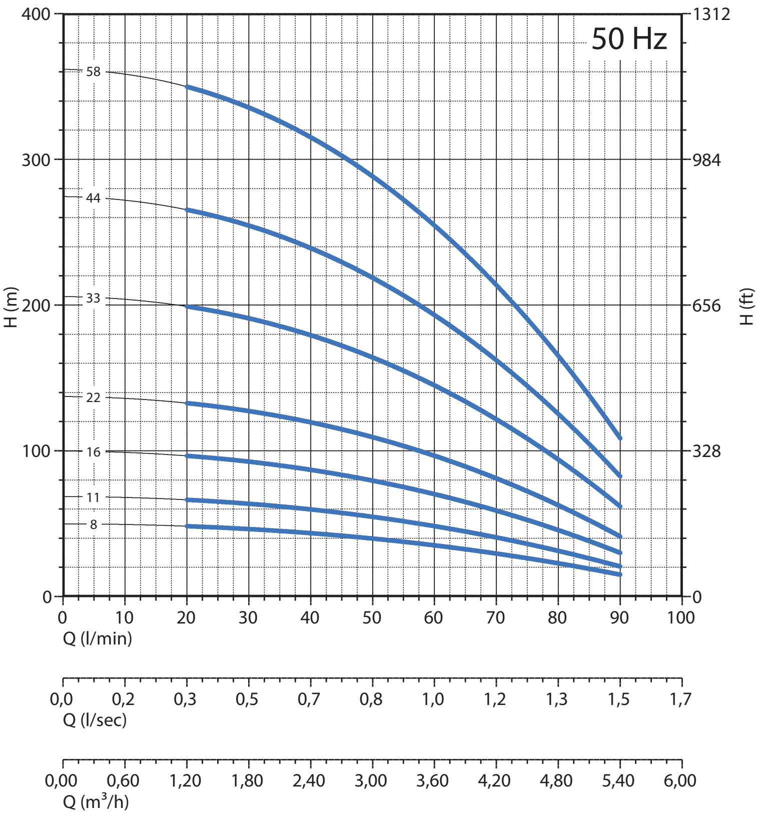
Motore - Motor - Moteur Caratteristiche a 2900 rpm						Q=Portata - Capacity - Debit						
Tipo - Type	Power		Mono Fase Single phase V230		V 400	l/min	0	20	30	40	50	60
						l/sec	0,00	0,33	0,50	0,67	0,83	1,00
	kW	HP	A	µF	A	m³/h	0,0	1,2	1,8	2,4	3,0	3,6
95 NX2 N/10	0,55	0,75	5	20	1,7	H[m]	64	59	53	45	33	17
95 NX2 N/14	0,75	1	6,5	30	2,2		90	83	74	63	46	24
95 NX2 N/21	1,10	1,5	9,6	40	3,1		134	124	111	95	69	36
95 NX2 N/29	1,50	2	11,8	50	4,0		186	171	154	131	96	49
95 NX2 N/42	2,20	3	15,2	76	5,8		269	248	223	189	139	71
95 NX2 N/56	3,00	4	-	-	7,5		358	330	297	252	185	95
95 NX2 N/70	4,00	5,5	-	-	9,8		448	413	371	315	231	119

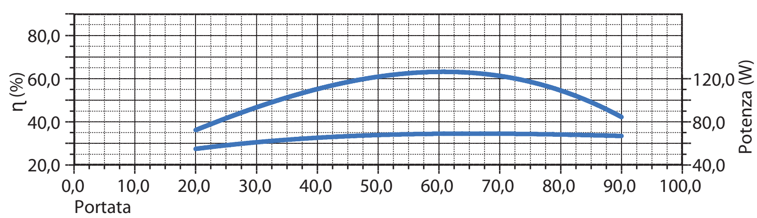
Dimensioni di ingombro e pesi
Overall dimensions and weights

Tipo - Type	A mm Mono	A mm Tri	B mm	C mm Mono	C mm Tri	M kg Mono	M kg Tri	P kg
95 NX2 N/10	718	698	381	337	317	8	8	4
95 NX2 N/14	831	806	469	362	337	10	10	4,3
95 NX2 N/21	1037	1007	645	392	362	12	12	5,3
95 NX2 N/29	1243	1213	821	422	392	13	13	6,5
95 NX2 N/42	1596	1581	1129	467	452	15	15	8,3
95 NX2 N/56	0	1994	1437	0	557	0	19	10,8
95 NX2 N/70	0	2364	1767	0	597	0	22	13,4

95 NX3 N (4")

CE Tolleranze secondo - Tollerance according to - Tolérances selon
Tolerancias según norma EN UNI-ISO 9906 - 4" (100 mm)



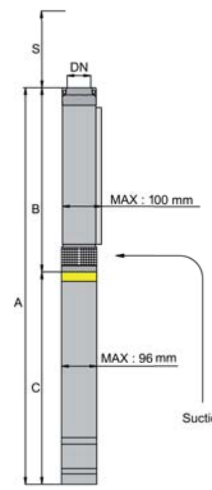


H = Prevalenza totale. Da 15 a 348 m
Q = Portata. Da 20 a 90 l/min
η% = Rendimento della pompa. Max 63,0 %
W/st = Assorbim. per stadio. Max 69,00
Massimo contenuto di sabbia. 300 g/m^3
S = Battente minimo (m) Max 1

H = Total head. From 15 to 348 m
Q = Capacity. From 20 to 90 l/min
η% = Pump efficency. Max 63,0 %
W/st = Stage absorption. Max 69,00
Maximum sand content 300 g/m^3
S = Minimum head (m) Max 1

H = hauter manométrique. From 15 to 348 m
Q = Débit. From 20 to 90 l/min
η% = Rendement de la pompe. Max 63,0 %
W/st = Absorption par étage. Max 69,00
Contenu maximal de sable. 300 g/m^3
S = Niveau minimal (m). Max 1

H =Altura manométrica. Da 15 a 348 m
Q = Caudal. De 20 a 90 l/min
η% = Rendimiento de la bomba. Max 63,0 %
W/st = Potencia absorbida por etapa. Max 69,00
Condenito màximo de arena. 300 g/m^3
S = Nivel minimo (m) Max 1



DN : TYPE 95 NX 1
TYPE 95 NX 2
TYPE 95 NX 3
TYPE 95 NX 4
= 1" 1/4 GAS

DN : TYPE 95 NX 6
TYPE 95 NX 8
TYPE 95 NX 10
TYPE 95 NX 12
= 2" GAS

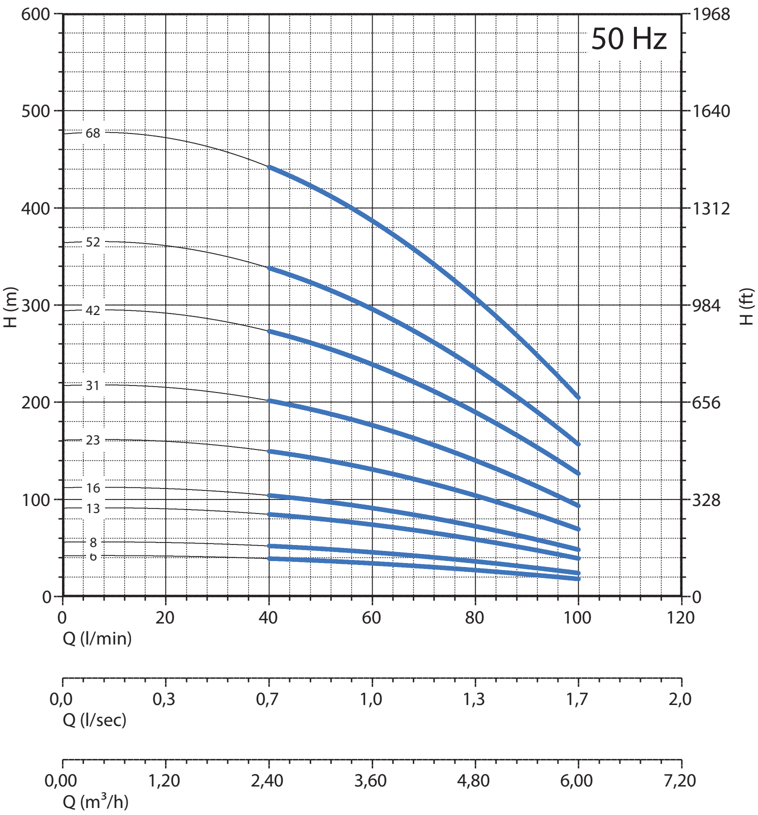
Motore - Motor - Moteur Caratteristiche a 2900 rpm						Q=Portata - Capacity - Debit									
Tipo - Type	Power		Mono Fase Single phase V230		V 400	l/min	0	20	30	40	50	60	70	80	90
						l/sec	0,00	0,33	0,50	0,67	0,83	1,00	1,17	1,33	1,50
	kW	HP	A	μF	A	m^3/h	0,0	1,2	1,8	2,4	3,0	3,6	4,2	4,8	5,4
95 NX3 N/08	0,55	0,75	5	20	1,3	H[m]	50	48	46	44	40	35	29	23	15
95 NX3 N/11	0,75	1	6,5	30	1,7		69	66	63	61	55	48	40	32	21
95 NX3 N/16	1,10	1,5	9,6	40	2,2		100	96	92	88	80	70	58	46	30
95 NX3 N/22	1,50	2	11,8	50	3,1		138	132	127	121	110	96	80	63	41
95 NX3 N/33	2,20	3	15,2	76	4		206	198	190	182	165	144	120	95	62
95 NX3 N/44	3,00	4	-	-	5,8		275	264	253	242	220	193	160	127	83
95 NX3 N/58	4,00	5,5	-	-	9,8		363	348	334	319	290	254	210	167	109

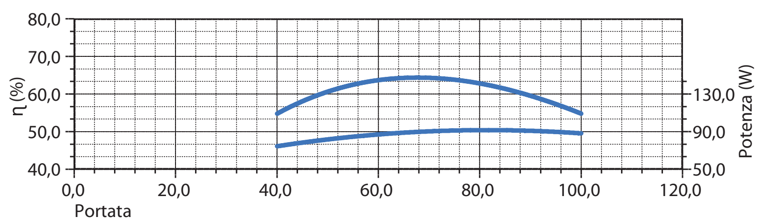
Dimensioni di ingombro e pesi
Overall dimensions and weights

Tipo - Type	A mm Mono	A mm Tri	B mm	C mm Mono	C mm Tri	M kg Mono	M kg Tri	P kg
95 NX3 N/08	674	654	337	337	317	8	8	3,7
95 NX3 N/11	765	740	403	362	337	10	10	4,5
95 NX3 N/16	927	897	535	392	362	12	12	5,7
95 NX3 N/22	1089	1059	667	422	392	13	13	7,2
95 NX3 N/33	1376	1361	909	467	452	15	15	10
95 NX3 N/44	0	1730	1173	0	557	0	19	12,7
95 NX3 N/58	0	2100	1503	0	597	0	22	16,2

95 NX4 N (4")

CE Tolleranze secondo - Tollerance according to - Tolérances selon
Tolerancias según norma EN UNI-ISO 9906 - 4" (100 mm)



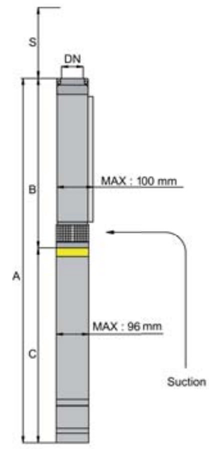


H = Prevalenza totale. Da 18 a 442 m
Q = Portata. Da 40 a 100 l/min
η% = Rendimento della pompa. Max 64,5 %
W/st = Assorbim. per stadio. Max 92,00
Massimo contenuto di sabbia. 300 g/m^3
S = Battente minimo (m) Max 1

H = Total head. From 18 to 442 m
Q = Capacity. From 40 to 100 l/min
η% = Pump efficency. Max 64,5 %
W/st = Stage absorption. Max 92,00
Maximum sand content 300 g/m^3
S = Minimum head (m) Max 1

H = hauter manométrique. From 18 to 442 m
Q = Débit. From 40 to 100 l/min
η% = Rendement de la pompe. Max 64,5 %
W/st = Absorption par étage. Max 92,00
Contenu maximal de sable. 300 g/m^3
S = Niveau minimal (m). Max 1

H =Altura manométrica. Da 18 a 442 m
Q = Caudal. De 40 a 100 l/min
η% = Rendimiento de la bomba. Max 64,5 %
W/st = Potencia absorbida por etapa. Max 92,00
Condenito màximo de arena. 300 g/m^3
S = Nivel minimo (m) Max 1



DN : TYPE 95 NX 1
TYPE 95 NX 2
TYPE 95 NX 3
TYPE 95 NX 4
= 1" 1/4 GAS

DN : TYPE 95 NX 6
TYPE 95 NX 8
TYPE 95 NX 10
TYPE 95 NX 12
= 2" GAS

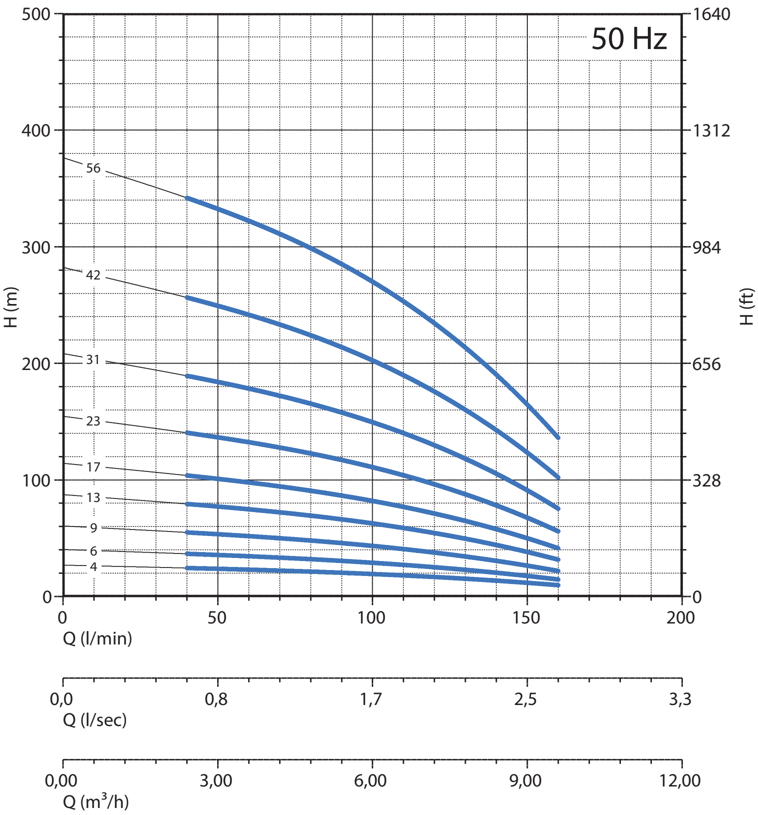
Motore - Motor - Moteur Caratteristiche a 2900 rpm						Q=Portata - Capacity - Debit								
Tipo - Type	Power		Mono Fase Single phase V230		V 400	l/min	0	40	50	60	70	80	90	100
						l/sec	0,00	0,67	0,83	1,00	1,17	1,33	1,50	1,67
	kW	HP	A	μF	A	m^3/h	0,0	2,4	3,0	3,6	4,2	4,8	5,4	6,0
95 NX4 N/06	0,55	0,75	5	20	1,3	H[m]	42	39	37	34	31	27	23	18
95 NX4 N/08	0,75	1	6,5	30	1,7		56	52	49	45	41	36	31	24
95 NX4 N/13	1,10	1,5	9,6	40	2,2		91	85	80	74	67	59	50	39
95 NX4 N/16	1,50	2	11,8	50	3,1		112	104	99	91	83	72	61	48
95 NX4 N/23	2,20	3	15,2	76	4		161	150	142	130	119	104	88	69
95 NX4 N/31	3,00	4	-	-	5,8		217	202	191	175	160	140	119	93
95 NX4 N/42	4,00	5,5	-	-	9,8		294	273	259	238	217	189	161	126
95 NX4 N/52	5,50	7,5	-	-	13,5		364	338	320	294	268	234	199	156
95 NX4 N/68	7,50	10	-	-	17,5		476	442	419	385	351	306	260	204

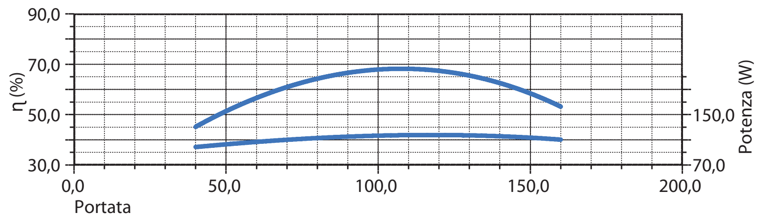
Dimensioni di ingombro e pesi
Overall dimensions and weights

Tipo - Type	A mm Mono	A mm Tri	B mm	C mm Mono	C mm Tri	M kg Mono	M kg Tri	P kg
95 NX4 N/06	630	610	293	337	317	8	8	3,3
95 NX4 N/08	699	674	337	362	337	10	10	3,8
95 NX4 N/13	839	809	447	392	362	12	12	5
95 NX4 N/16	957	927	535	422	392	13	13	5,8
95 NX4 N/23	1156	1141	689	467	452	15	15	10
95 NX4 N/31	0	1422	865	0	557	0	19	12,3
95 NX4 N/42	0	1726	1129	0	597	0	22	15,5
95 NX4 N/52	0	2047	1349	0	698	0	27	18,5
95 NX4 N/68	0	2541	1723	0	818	0	32	23,2

95 NX6 N (4")

CE Tolleranze secondo - Tollerance according to - Tolérances selon
Tolerancias según norma EN UNI-ISO 9906 - 4" (100 mm)



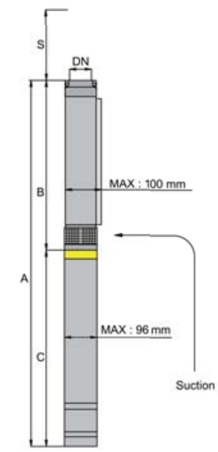


H = Prevalenza totale. Da 10 a 336 m
Q = Portata. Da 40 a 160 l/min
η% = Rendimento della pompa. Max 68,0 %
W/st = Assorbim. per stadio. Max 118,00
Massimo contenuto di sabbia. 300 g/m^3
S = Battente minimo (m) Max 1

H = Total head. From 10 to 336 m
Q = Capacity. From 40 to 160 l/min
η% = Pump efficency. Max 68,0 %
W/st = Stage absorption. Max 118,00
Maximum sand content 300 g/m^3
S = Minimum head (m) Max 1

H = hauter manométrique. From 10 to 336 m
Q = Débit. From 40 to 160 l/min
η% = Rendement de la pompe. Max 68,0 %
W/st = Absorption par étage. Max 118,00
Contenu maximal de sable. 300 g/m^3
S = Niveau minimal (m). Max 1

H =Altura manométrica. Da 10 a 336 m
Q = Caudal. De 40 a 160 l/min
η% = Rendimiento de la bomba. Max 68,0 %
W/st = Potencia absorbida por etapa. Max 118,00
Condenito màximo de arena. 300 g/m^3
S = Nivel minimo (m) Max 1



DN : TYPE 95 NX 1, TYPE 95 NX 2, TYPE 95 NX 3, TYPE 95 NX 4 = 1" 1/4 GAS

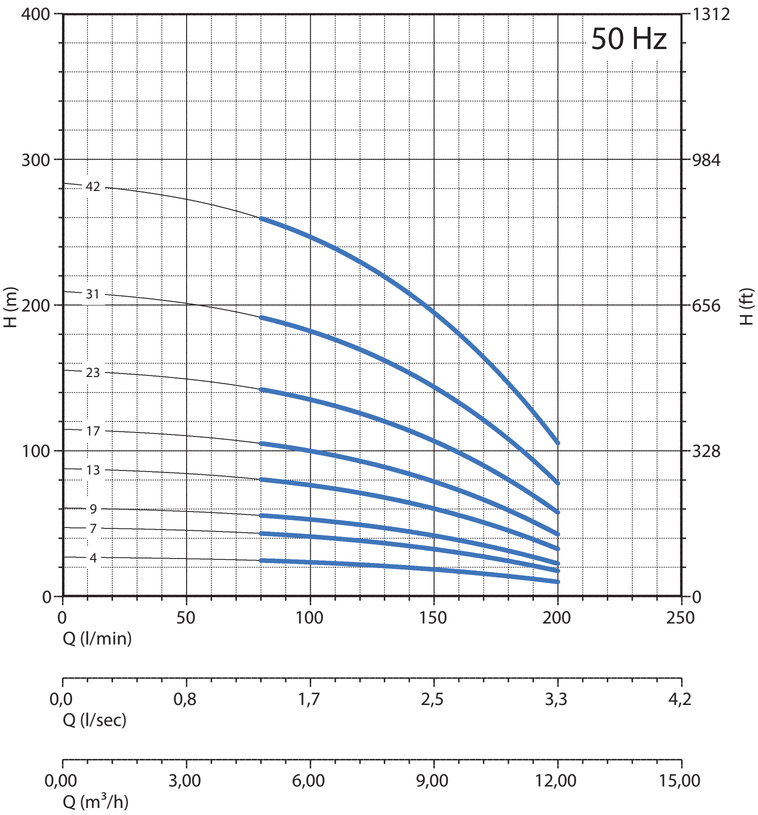
DN : TYPE 95 NX 6, TYPE 95 NX 8, TYPE 95 NX 10, TYPE 95 NX 12 = 2" GAS

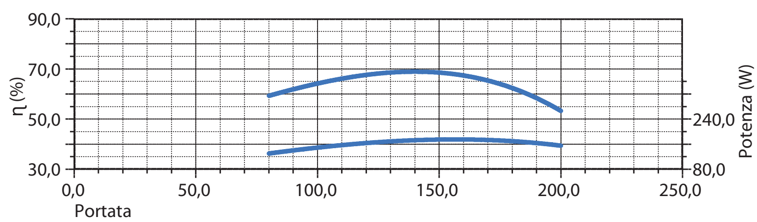
Motore - Motor - Moteur Caratteristiche a 2900 rpm						Q=Portata - Capacity - Debit								
Tipo - Type	Power		Mono Fase Single phase V230		V 400	l/min	0	40	60	80	100	120	140	160
						l/sec	0,00	0,67	1,00	1,33	1,67	2,00	2,33	2,67
	kW	HP	A	μF	A	m^3/h	0,0	2,4	3,6	4,8	6,0	7,2	8,4	9,6
95 NX6 N/04	0,55	0,75	5	20	1,7	H[m]	27	24	23	22	19	17	13	10
95 NX6 N/06	0,75	1	6,5	30	2,2		41	36	35	33	29	26	20	15
95 NX6 N/09	1,10	1,5	9,6	40	3,2		61	54	52	50	43	38	29	23
95 NX6 N/13	1,50	2	11,8	50	4		88	78	75	72	62	55	42	33
95 NX6 N/17	2,20	3	15,2	76	5,9		115	102	98	94	81	72	55	43
95 NX6 N/23	3,00	4	-	-	7,8		155	138	132	127	109	98	75	58
95 NX6 N/31	4,00	5,5	-	-	9,8		209	186	178	171	147	132	101	78
95 NX6 N/42	5,50	7,5	-	-	13,5		284	252	242	231	200	179	137	105
95 NX6 N/56	7,50	10	-	-	17,5		378	336	322	308	266	238	182	140

Dimensioni di ingombro e pesi Overall dimensions and weights								
Tipo - Type	A mm Mono	A mm Tri	B mm	C mm Mono	C mm Tri	M kg Mono	M kg Tri	P kg
95 NX6 N/04	618	598	281	337	317	8	8	3
95 NX6 N/06	703	678	341	362	337	10	10	3,5
95 NX6 N/09	823	793	431	392	362	12	12	4,5
95 NX6 N/13	995	965	573	422	392	13	13	6
95 NX6 N/17	1160	1145	693	467	452	15	15	7,5
95 NX6 N/23	0	1430	873	0	557	0	19	8,5
95 NX6 N/31	0	1732	1135	0	597	0	22	11
95 NX6 N/42	0	2185	1487	0	698	0	27	15,5
95 NX6 N/56	0	2747	1929	0	818	0	32	20

95 NX8 N (4")

CE Tolleranze secondo - Tollerance according to - Tolérances selon
Tolerancias según norma EN UNI-ISO 9906 - 4" (100 mm)



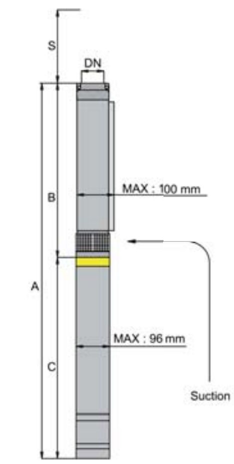


H = Prevalenza totale. Da 10 a 263 m
Q = Portata. Da 80 a 200 l/min
η% = Rendimento della pompa. Max 69,0 %
W/st = Assorbim. per stadio. Max 174,00
Massimo contenuto di sabbia. 300 g/m³
S = Battente minimo (m) Max 1

H = Total head. From 10 to 263 m
Q = Capacity. From 80 to 200 l/min
η% = Pump efficency. Max 69,0 %
W/st = Stage absorption. Max 174,00
Maximum sand content 300 g/m³
S = Minimum head (m) Max 1

H = hauter manométrique. From 10 to 263 m
Q = Débit. From 80 to 200 l/min
η% = Rendement de la pompe. Max 69,0 %
W/st = Absorption par étage. Max 174,00
Contenu maximal de sable. 300 g/m³
S = Niveau minimal (m). Max 1

H =Altura manométrica. Da 10 a 263 m
Q = Caudal. De 80 a 200 l/min
η% = Rendimiento de la bomba. Max 69,0 %
W/st = Potencia absorbida por etapa. Max 174,00
Condenito màximo de arena. 300 g/m³
S = Nivel minimo (m) Max 1



DN : TYPE 95 NX 1
TYPE 95 NX 2
TYPE 95 NX 3
TYPE 95 NX 4
= 1" 1/4 GAS

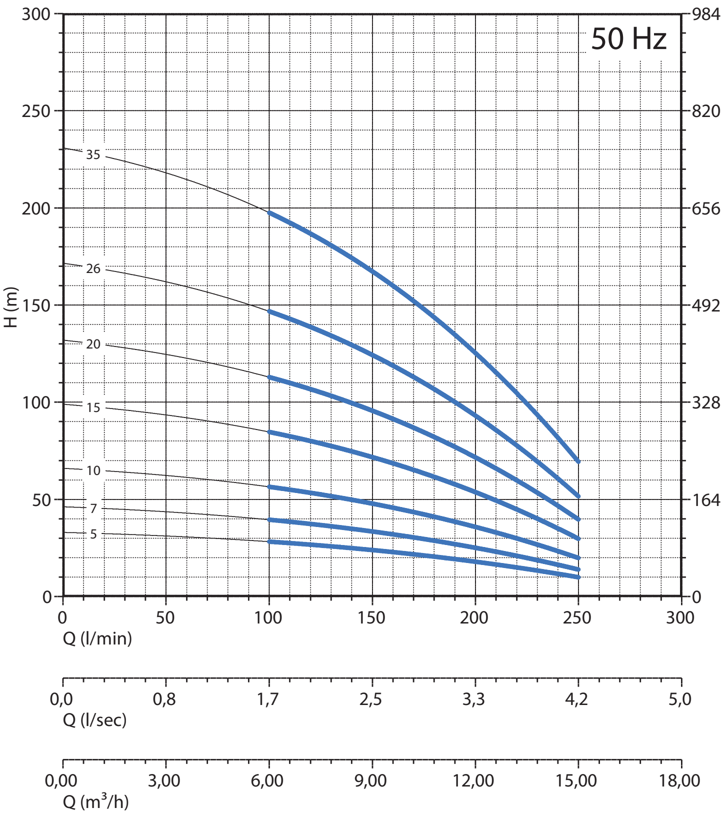
DN : TYPE 95 NX 6
TYPE 95 NX 8
TYPE 95 NX 10
TYPE 95 NX 12
= 2" GAS

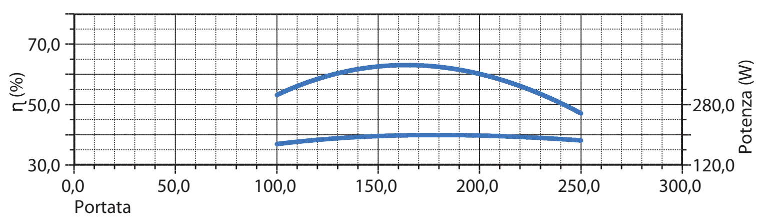
Motore - Motor - Moteur Caratteristiche a 2900 rpm						Q=Portata - Capacity - Debit								
Tipo - Type	Power		Mono Fase Single phase V230		V 400	l/min	0	80	100	120	140	160	180	200
						l/sec	0,00	1,33	1,67	2,00	2,33	2,67	3,00	3,33
	kW	HP	A	μF	A	m³/h	0,0	4,8	6,0	7,2	8,4	9,6	10,8	12,0
95 NX8 N/04	0,75	1	6,5	30	2,2	H[m]	27	25	23	22	20	17	14	10
95 NX8 N/07	1,10	1,5	9,6	40	3,1		47	44	40	39	35	30	25	18
95 NX8 N/09	1,50	2	11,8	50	4		61	56	52	50	45	38	32	23
95 NX8 N/13	2,20	3	15,2	76	5,8		88	81	75	72	65	55	46	33
95 NX8 N/17	3,00	4	-	-	7,5		115	106	98	94	85	72	60	43
95 NX8 N/23	4,00	5,5	-	-	9.8		155	144	132	127	115	98	81	58
95 NX8 N/31	5,50	7,5	-	-	13.5		209	194	178	171	155	132	109	78
95 NX8 N/42	7,50	10	-	-	17.5		284	263	242	231	210	179	147	105

Dimensioni di ingombro e pesi Overall dimensions and weights								
Tipo - Type	A mm Mono	A mm Tri	B mm	C mm Mono	C mm Tri	M kg Mono	M kg Tri	P kg
95 NX8 N/04	643	618	281	362	337	10	10	3
95 NX8 N/07	763	733	371	392	362	12	12	4
95 NX8 N/09	853	823	431	422	392	13	13	4,5
95 NX8 N/13	1040	1025	573	467	452	15	15	6
95 NX8 N/17	0	1250	693	0	557	0	19	7,5
95 NX8 N/23	0	1470	873	0	597	0	22	8,5
95 NX8 N/31	0	1833	1135	0	698	0	27	11
95 NX8 N/42	0	2305	1487	0	818	0	32	15

95 NX10 N (4")

CE Tolleranze secondo - Tollerance according to - Tolérances selon
Tolerancias según norma EN UNI-ISO 9906 - 4" (100 mm)



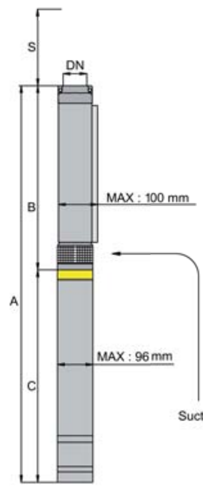


H = Prevalenza totale. Da 10 a 196 m
Q = Portata. Da 100 a 250 l/min
η% = Rendimento della pompa. Max 63,0 %
W/st = Assorbim. per stadio. Max 200,00
Massimo contenuto di sabbia. 300 g/m^3
S = Battente minimo (m) Max 1

H = Total head. From 10 to 196 m
Q = Capacity. From 100 to 250 l/min
η% = Pump efficency. Max 63,0 %
W/st = Stage absorption. Max 200,00
Maximum sand content 300 g/m^3
S = Minimum head (m) Max 1

H = hauter manométrique. From 10 to 196 m
Q = Débit. From 100 to 250 l/min
η% = Rendement de la pompe. Max 63,0 %
W/st = Absorption par étage. Max 200,00
Contenu maximal de sable. 300 g/m^3
S = Niveau minimal (m). Max 1

H =Altura manométrica. Da 10 a 196 m
Q = Caudal. De 100 a 250 l/min
η% = Rendimiento de la bomba. Max 63,0 %
W/st = Potencia absorbida por etapa. Max 200,00
Condenito màximo de arena. 300 g/m^3
S = Nivel minimo (m) Max 1



DN : TYPE 95 NX 1
TYPE 95 NX 2
TYPE 95 NX 3
TYPE 95 NX 4
= 1" 1/4 GAS

DN : TYPE 95 NX 6
TYPE 95 NX 8
TYPE 95 NX 10
TYPE 95 NX 12
= 2" GAS

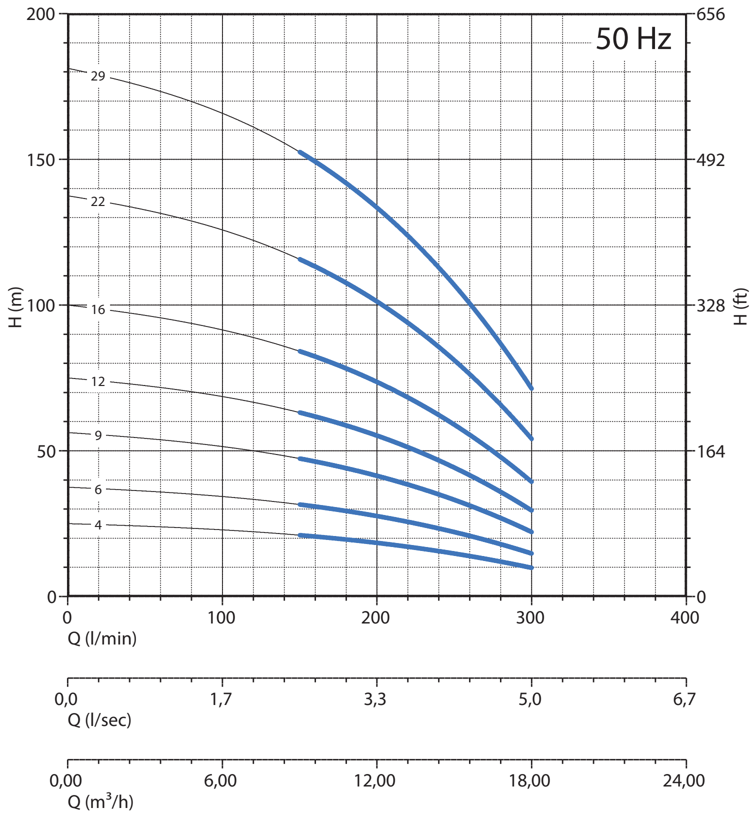
Motore - Motor - Moteur Caratteristiche a 2900 rpm							Q=Portata - Capacity - Debit							
Tipo - Type	Power		Mono Fase Single phase V230		V 400	l/min	0	100	125	150	175	200	225	250
						l/sec	0,00	1,67	2,08	2,50	2,92	3,33	3,75	4,17
	kW	HP	A	µF	A	m^3/h	0,0	6,0	7,5	9,0	10,5	12,0	13,5	15,0
95 NX10 N/05	1,10	1,5	9,6	40	3,1	H[m]	33	28	27	24	21	18	14	10
95 NX10 N/07	1,50	2	11,8	50	4		46	39	37	34	29	25	20	14
95 NX10 N/10	2,20	3	15,2	76	5,8		66	56	53	48	42	36	28	20
95 NX10 N/15	3,00	4	-	-	7,5		99	84	80	72	63	54	42	30
95 NX10 N/20	4,00	5,5	-	-	9,8		132	112	106	96	84	72	56	40
95 NX10 N/26	5,50	7,5	-	-	13,5		172	146	138	125	109	94	73	52
95 NX10 N/35	7,50	10	-	-	17,5		231	196	186	168	147	126	98	70

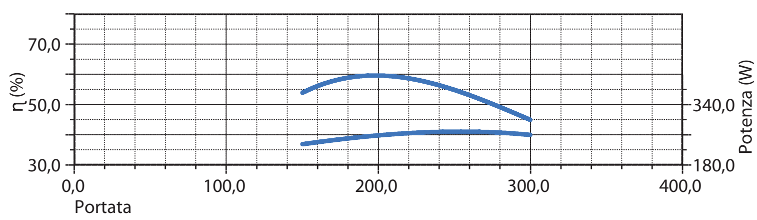
Dimensioni di ingombro e pesi
Overall dimensions and weights

Tipo - Type	A mm Mono	A mm Tri	B mm	C mm Mono	C mm Tri	M kg Mono	M kg Tri	P kg
95 NX10 N/05	758	728	366	392	362	12	12	4,5
95 NX10 N/07	870	840	448	422	392	13	13	5,4
95 NX10 N/10	1060	1045	593	467	452	15	15	6,5
95 NX10 N/15	0	1355	798	0	557	0	19	7,6
95 NX10 N/20	0	1622	1025	0	597	0	22	11,5
95 NX10 N/26	0	1969	1271	0	698	0	27	13,7
95 NX10 N/35	0	2480	1662	0	818	0	32	17,8

95 NX12 N 4"

CE Tolleranze secondo - Tollerance according to - Tolérances selon
Tolerancias según norma EN UNI-ISO 9906 - 4" (100 mm)



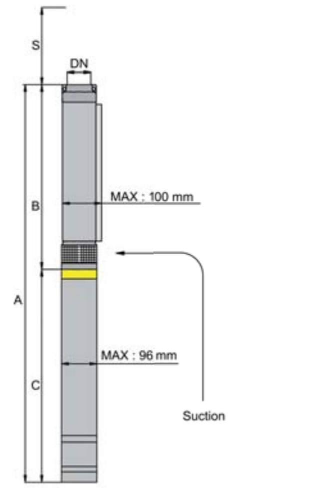


H = Prevalenza totale. Da 10 a 152 m
Q = Portata. Da 150 a 300 l/min
η% = Rendimento della pompa. Max 60,0 %
W/st = Assorbim. per stadio. Max 270,00
Massimo contenuto di sabbia. 300 g/m^3
S = Battente minimo (m) Max 1

H = Total head. From 10 to 152 m
Q = Capacity. From 150 to 300 l/min
η% = Pump efficency. Max 60,0 %
W/st = Stage absorption. Max 270,00
Maximum sand content 300 g/m^3
S = Minimum head (m) Max 1

H = hauter manométrique. From 10 to 152 m
Q = Débit. From 150 to 300 l/min
η% = Rendement de la pompe. Max 60,0 %
W/st = Absorption par étage. Max 270,00
Contenu maximal de sable. 300 g/m^3
S = Niveau minimal (m). Max 1

H =Altura manométrica. Da 10 a 152 m
Q = Caudal. De 150 a 300 l/min
η% = Rendimiento de la bomba. Max 60,0 %
W/st = Potencia absorbida por etapa. Max 270,00
Condenito màximo de arena. 300 g/m^3
S = Nivel minimo (m) Max 1



DN : TYPE 95 NX 1
TYPE 95 NX 2
TYPE 95 NX 3
TYPE 95 NX 4
= 1" 1/4 GAS

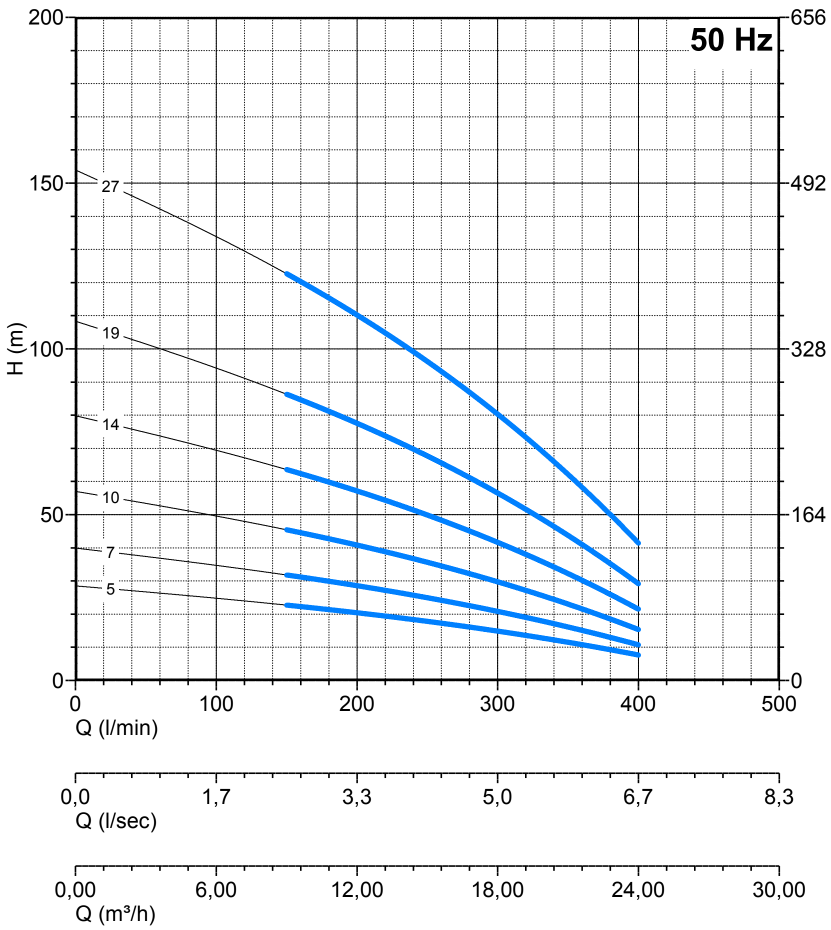
DN : TYPE 95 NX 6
TYPE 95 NX 8
TYPE 95 NX 10
TYPE 95 NX 12
= 2" GAS

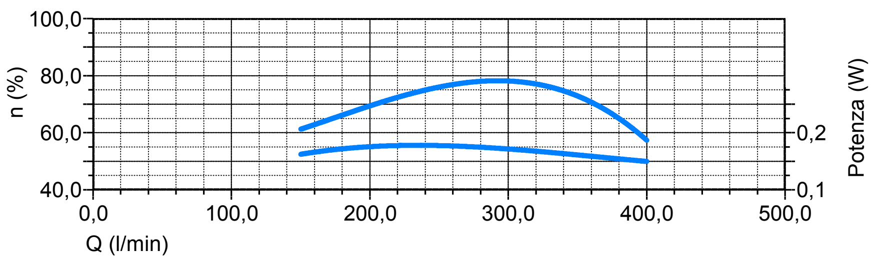
Tipo - Type	Motore - Motor - Moteur Caratteristiche a 2900 rpm					Q=Portata - Capacity - Debit								
	Power		Mono Fase Single phase V230		V 400	l/min	0	150	175	200	225	250	275	300
						l/sec	0,00	2,50	2,92	3,33	3,75	4,17	4,58	5,00
	kW	HP	A	µF	A	m^3/h	0,0	9,0	10,5	12,0	13,5	15,0	16,5	18,0
95 NX12 N/04	1,10	1,5	9,6	40	3,1		25	21	20	18	17	15	12	10
95 NX12 N/06	1,50	2	11,8	50	4		38	32	30	27	26	23	18	15
95 NX12 N/09	2,20	3	15,2	76	5,8		56	47	45	41	38	34	27	23
95 NX12 N/12	3,00	4	-	-	7,5	H[m]	75	63	60	54	51	45	36	30
95 NX12 N/16	4,00	5,5	-	-	9,8		100	84	80	72	68	60	48	40
95 NX12 N/22	5,50	7,5	-	-	13,5		138	116	110	99	94	83	66	55
95 NX12 N/29	7,50	10	-	-	17,5		181	152	145	131	123	109	87	73

Dimensioni di ingombro e pesi
Overall dimensions and weights

Tipo - Type	A mm Mono	A mm Tri	B mm	C mm Mono	C mm Tri	M kg Mono	M kg Tri	P kg
95 NX12 N/04	717	687	325	392	362	12	12	4
95 NX12 N/06	829	799	407	422	392	13	13	5,5
95 NX12 N/09	1019	1004	552	467	452	15	15	6,3
95 NX12 N/12	0	1232	675	0	557	0	19	7,5
95 NX12 N/16	0	1436	839	0	597	0	22	10
95 NX12 N/22	0	1805	1107	0	698	0	27	13
95 NX12 N/29	0	2234	1416	0	818	0	32	15,8

95 REC 18



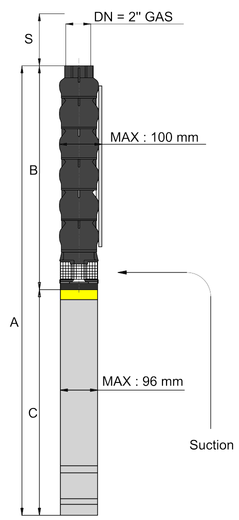


H = Prevalenza totale. **Da 8 a 123 m**
Q = Portata. **Da 150 a 400 l/min**
n% = Rendimento della pompa. **Max 76,5 %**
W/st = Assorbim. per stadio. **Max 200,00**
Massimo contenuto di sabbia. **50 g/m³**
S = Battente minimo (m) **Max 1**

H = Total head. **From 8 to 123 m**
Q = Capacity. **From 150 to 400 l/min**
n% = Pump efficency. **Max 76,5 %**
W/st = Stage absorption. **Max 200,00**
Maximum sand content **50 g/m³**
S = Minimum head (m) **Max 1**

H = hauter manometrique. **From 8 to 123 m**
Q = Débit. **From 150 to 400 l/min**
n% = Rendement de la pompe. **Max 76,5 %**
W/st = Absorption par étage. **Max 200,00**
Contenu maximal de sable. **50 g/m³**
S = Niveau minimal (m). **Max 1**

H =Altura manométrica. **Da 8 a 123 m**
Q = Caudal. **De 150 a 400 l/min**
n% = Rendimiento de la bomba. **Max 76,5 %**
W/st = Potencia absorbida por etapa. **Max 200,00**
Condenito màximo de arena. **50 g/m³**
S = Nivel minimo (m) **Max 1**



Motore - Motor - Moteur Caratteristiche a 2900 rpm						Q=Portata - Capacity - Debit							
Tipo - Type	Power		Mono Fase Single phase V230		V 400	l/min	0	150	200	250	300	350	400
						l/sec	0,00	2,50	3,33	4,17	5,00	5,83	6,67
	kW	HP	A	F	A	m³/h	0,0	9,0	12,0	15,0	18,0	21,0	24,0
95 REC 18 /05	1,10	1,5	9,6	40	3,2		29	23	21	18	15	12	8
95 REC 18 /07	1,50	2	11,8	50	4		40	32	29	25	20	17	11
95 REC 18 /10	2,20	3	15,2	76	5,8	H[m]	57	46	41	36	29	24	15
95 REC 18 /14	3,00	4	-	-	7,5		80	64	57	50	41	34	21
95 REC 18 /19	4,00	5,5	-	-	9,8		108	86	78	67	55	46	29
95 REC 18 /27	5,50	7,5	-	-	13,5		154	123	111	96	78	65	41

Dimensioni di ingombro e pesi
Overall dimensions and weights

Tipo - Type	A mm Mono	A mm Tri	B mm	C mm Mono	C mm Tri	M kg Mono	M kg Tri	P kg
95 REC 18 /05	930	900	538	392	362	12	12	7
95 REC 18 /07	1106	1076	684	422	392	13	13	10
95 REC 18 /10	1370	1355	903	467	452	15	15	13
95 REC 18 /14	0	1752	1195	0	557	0	19	17
95 REC 18 /19	0	2157	1560	0	597	0	22	23
95 REC 18 /27	0	2842	2144	0	698	0	27	31

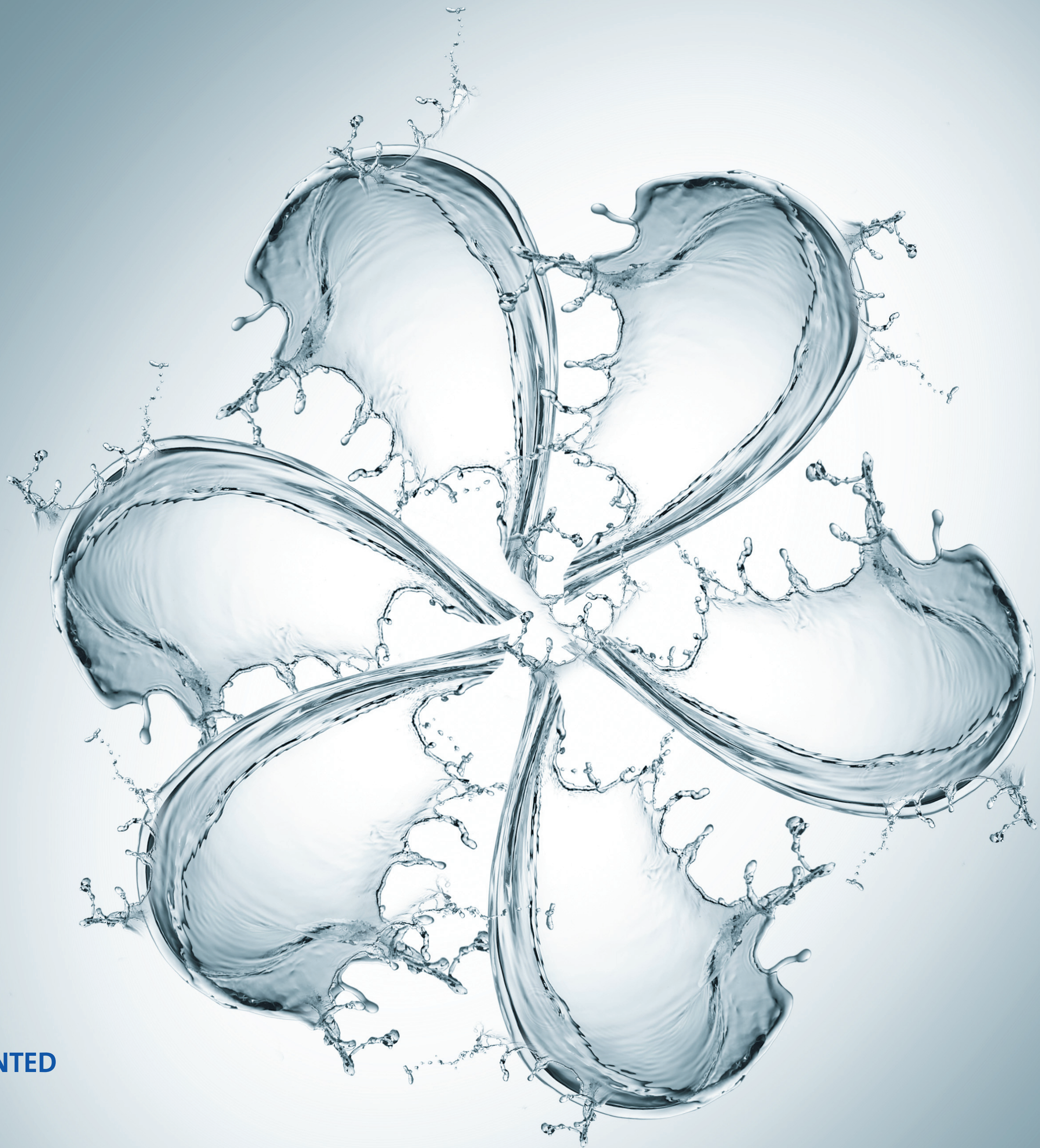
95 PR N 4”

CE Tolleranze secondo - **Tollerance according to** - *Tolérances selon*
Tolerancias según norma EN UNI-ISO 9906 - **4” (100 mm)**

95 PR N

PANELLI®

SUBWATER IS NOTHING WITHOUT TECHNOLOGY



PATENTED

TÜV SÜD ISO 9001

PANELLI®

ELETTROPOMPE SOMMERSE - ELECTRIC SUBMERSIBLE PUMPS - ELECTROPOMPES IMMERGEES - ELECTROBOMBAS SUMERGIDAS

140 PR N, FLOATING IMPELLER. 6”

PANELLI - CATALOGO 2013_Layout 1 06/03/14 16.12 Pagina 26

PANELLI®

140 PR N 6”

CE Tolleranze secondo - **Tollerance according to** - *Tolérances selon*
Tolerancias según norma EN UNI-ISO 9906 - **6” (150 mm)**

ELETTROPOMPE SOMMERSE INTUBATE 6” (SERIE 140 PR N)

›Le pompe sommerse della serie 140 PR N, nella gamma delle pompe sommerse 6'', sono le uniche al mondo a montare una girante di tipo flottante a rasamento frontale. Tale concetto innovativo e brevattato permette di fare fronte a utilizzi gravosi e continui senza per questo rinunciare a prestazioni e rendimenti al vertice del settore, con una notevole competitività del prodotto su tutta la gamma anche a livello economico.

VANTAGGI ›Elevata resistenza all usura per sabbia ›Rendimenti effettivi al vertice del settore › Grande facilità di montaggio e smontaggio

MATERIALI ›I materiali di costruzione standard sono: ›Girante in tecnopolimero (Lexan) ›Diffusore in tecnopolimero (Lexan) ›Elemento intermedio in Acciao Inox AISI 304 ›Camicia esterna in Acciaio Inox AISI 304 ›Mandata e gabbia di aspirazione in ghisa meccanica G25 ›Valvola di ritegno (sfera in gomma) incorporata. **Inoltre,in aggiunta ai materiali della costruzione di serie, le pompe possono essere fornite con mandata e gabbia di aspirazione in ghisa meccanica G25 ma con valvola in Acciaio Inox AISI304 incorporata.**

CAMPI DI PRESTAZIONE ›Portate fino a 66 m³/h ›Prevalenze fino a 630 m ›Potenze fino a 50 HP (37 Kw) ›Massima quantità di sabbia tollerata nell’acqua :400g/m³

ELECTRIC SUBMERSIBLE PUMPS CASED VERSION 6” (SERIES 140 PR N)

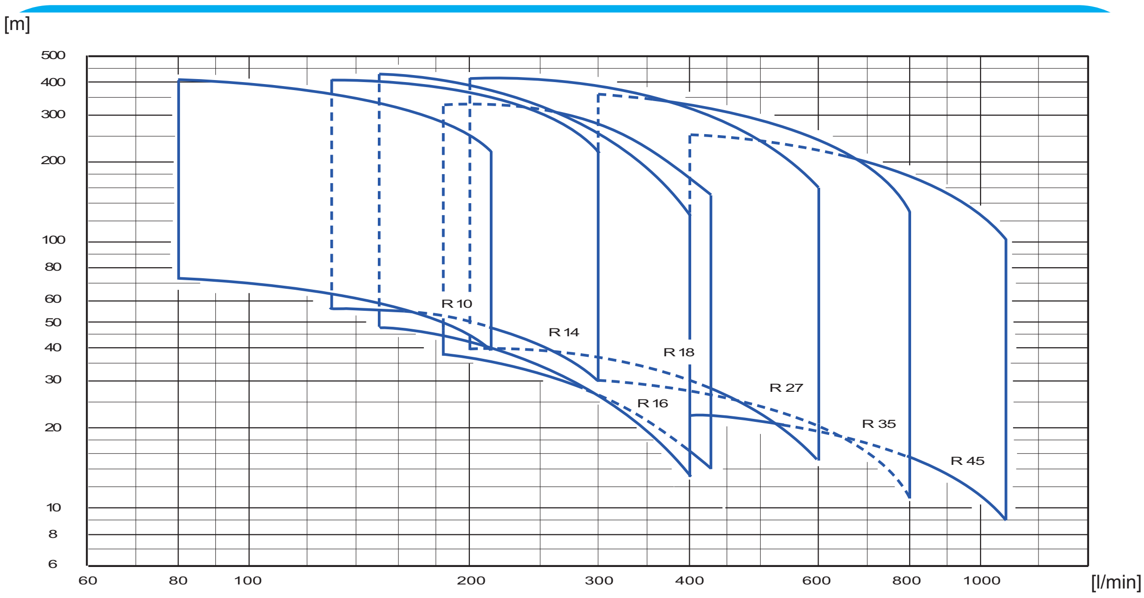
›The submersible pumps serie 140 PR N,in the range of 6'' submersible pumps,are unique in the world to have a floating impeller with front shim adjustement.This innovative and patented concept provides to face continuous applications without renouncing to performances and efficiencies at the summit of this field, with a great competitiveness of the product in all range also to a economic level.

ADVANTAGES ›High resistance to erosion fot the sand ›Real efficiencies at the summit of the field ›A big ease for the assembling and disassembly

MATERIALS ›The materials of standard execution are: ›Impeller in technopolymer (Lexan) ›Diffuser in technopolymer (Lexan) ›Intermediate casing in Stainless Steel AISI 304 ›External sleeve in Stainless Steel AISI 304 ›Delivery bowl and suction cage in mechanical cast iron G25 ›Non return valve (rubber globe) included.

Basides standard construction the pumps can be manufacture with the Delivery Bowl and suction cage in precision Stainless Stell AISI 304.

OPERATING DATA ›Capacity up to 66 m³/h ›Manometric head up to 630 m ›Power up to 50 HP (37 Kw) ›Maximum quantity of sand suspended in the water:400g/m³



PANELLI - CATALOGO 2013_Layout 1 06/03/14 16.12 Pagina 27

140 PR N (6")

ELECTROPOMPES IMMERGEES TUBEE 6" (SERIES 140 PR N)

>Les pompes immergées de la sèrie 140 PR N dans la gamme des pompes immergèes 6'' sont unique au monde à monter une roue de type flottante. Ce concept innovateur et brevetè permet de faire face a des utilisations lourdes et continues, sans toutefois, renoncer à des performances et rendement qui sont su sommet du secteur , avec une compètitivitè significatif du produit sur toute la gamme, ègalement au niveau èconomique. **AVANTAGES** >Les plus importants avantages hydrauliques et de fonctionnement sont: >Resistance au sable (usure quasiment éliminèe) >Rendement effectifs qui sont au sommet du secteur. >Facilité de montage et démontage **MATÉRIAUX** >Les matériaux d'execution standard sont les suivants: >Roue en techno polymère (Lexan) >Diffuseur en techno polymère (Lexan) >Elément intermédiaire en Acier Inox AISI 304 >Chemise de blocage en Acier Inox AISI 304 >Pièce de refoulement et cage d'aspiration en fonte >mécanique G 25 >Clapet de retenue (sphère en caoutchouc) incorporé directement dans la pompe. **Outre aux matériaux de construction de série, les pompes peuvent être fournies avec des pièces de refoulement et cages d'aspiration en fonte mécanique G 25,avec le clapet de retenue en Acier INOX AISI 304 incorporée.**
CHAMPS DE PERFORMANCES: >Capacitè jusqu'à 66 m^3/h >Hauteur manometrique jusqu'à 630 m >Puissances jusqu'à 50 HP (37 Kw) > Quantitè maximale de sable tolèrèe dans l'eau:400 g/m^3

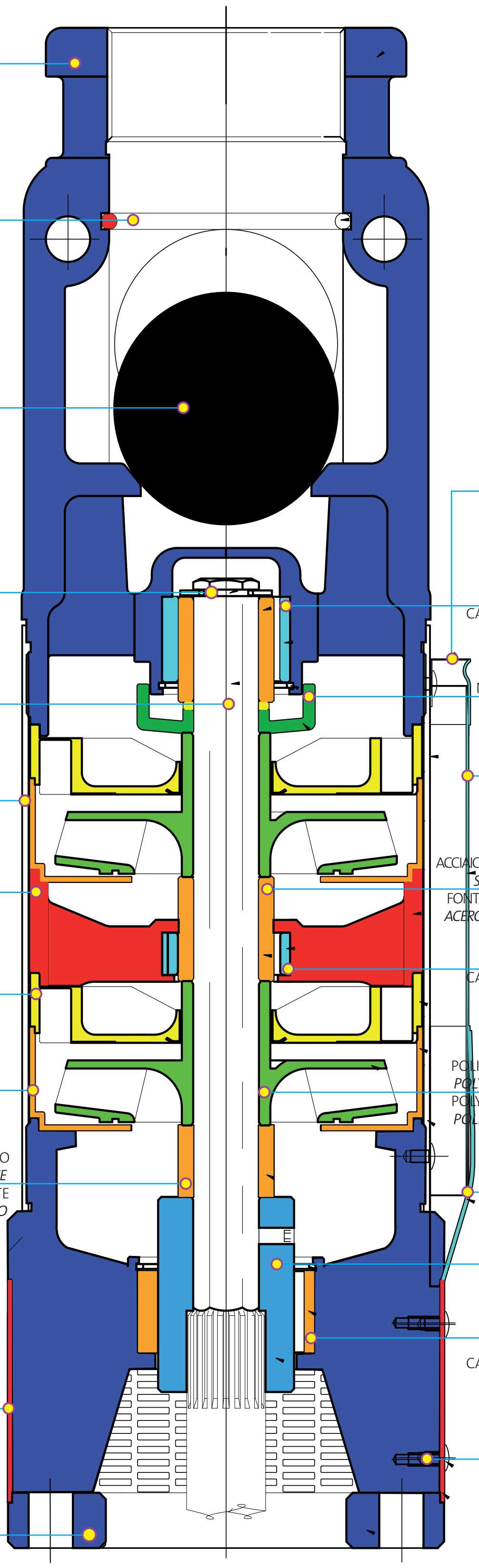
ELECTROBOMBAS SUMERGIDAS ENTUBADAS 6" (SERIES 140 PR N)

>Las bombas sumergidas de la serie 140 PR N ,dentro de la gama de las bombas suemrgidas 6'', son las únicas en el mundo con el rodete flotante. Este concepto innovador y patentado proporciona de hacer unos continuos sin por ello renunciar a prestaciones y rendimientos dentro de su sector, con una notable competividad del producto en toda su gama a un nivel económico. **VANTAJES** >Elevada resistencia al desgaste por la arena >Rendimientos efectivos en el sector >Gran facilidad de montaje y desmontaje. **MATERIALES** >Los materiales en ejecución standar son los siguientes: >Rodete en technopolymero (Lexan) >Difusor en technopolymero (Lexan)>Elemento intermedio en Acero Inox AISI 304 >Camisa externa en Acero Inox AISI 304 >Cuerpo de aspiración y cuerpo de impulsión en fundición hierro G25 >Válvula de retención (bola de goma) incorporada directamente dentro de la bomba. **Otra ejecución de fabricación en sèrie, las bombas pueden fabricarse con el cuerpo de aspiración y de impulsón en fundición de hierro o fundición Inoxidable, con la le válvula de retención en Acero Inox AISI 304 incorporada.**
CAMPOS DE TRABAJO >Capacidad hasta 66 m^3/h >Altura manométrica hasta 630 m >Potencia hasta 50 HP (37 Kw) >Cantidad máx. de arena contenida en el agua :400 g/m^3

140 PR N 6"

CE Tolleranze secondo - **Tollerance according to** - *Tolérances selon*
Tolerancias según norma EN UNI-ISO 9906 - **6" (150 mm)**

STANDARD CONSTRUCTION



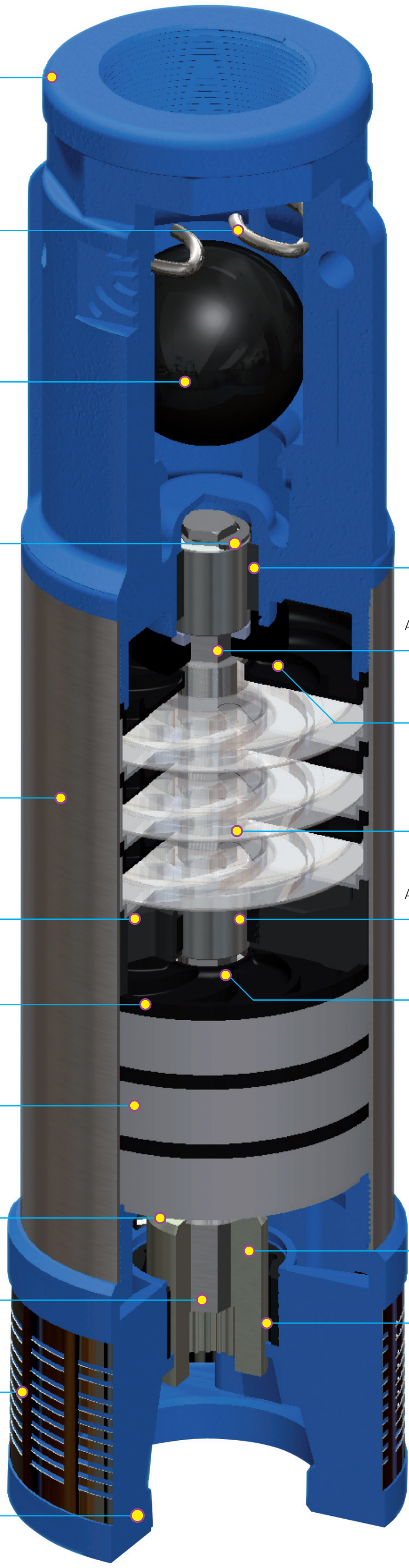
No.	DESCRIPTION	MATERIAL
23	MANDATA / *DELIVERY BOWL* / REFOULEMENT / *CUERPO IMPULSIÓN*	GHISA / *CAST IRON* / FONTE / *HIERRO*
22	ANELLO TENUTA MANDATA / *KEEPING RING OF DELIVERY BOWL* / ANNEAU DE SUBSISTANCE / *ANILLO DESCARGA*	AISI 304
21	SFERA / *GLOBE* / SPHERE / *BOLA*	GOMMA / *RUBBER* / CAOUTCHOUC / *CAUCHO*
19	SEEGER	AISI 304
16	ALBERO POMPA / *PUMP SHAFT* / ARBRE POMPE / *EJE BOMBA*	AISI431
14	CAMICIA / *SLEEVE* / CHEMISE / *CAMISA*	AISI 304
12	SUPPORTO INTERMEDIO / *INTERMEDIATE SUPPORT* / SUPPORT INTERMÉDIARE / *SOPORTE INTERMEDIO*	NORYL GFN2
10	DIFFUSORE / *DIFFUSEUR* / DIFFUSEUR / *DIFUSOR*	NORYL GFN2
8	ELEMENTO INTERMEDIO / *INTERMEDIATE CASING* / ELEMÉNT INTERMÉDIARE / *ELEMENTO INTERMEDIO*	AISI 304
5	DISTANZIALE PRIMA GIRANTE / *SPACER FIRST IMPELLER* / ENTRETOISE PREMIÉRE ROUE / *DISTANCIADOR PRIMER RODETE*	POLICARBONATO / *POLYCARBONATE* / POLYCARBONATE / *POLICARBONATO*
2	SUCCHERUOLA / *SUCTION STRAINER* / CRÉPINE / *REJILLA*	AISI 304
1	GABBIA DI ASPIRAZIONE / *SUCTION CAGE* / CAGE D'ASPIRATION / *CUERPO ASPIRACIÓN*	GHISA / *CAST IRON* / FONTE / *HIERRO*
20	STAFFETTA SUPERIORE - *UPPER FLANGE* / BRIDE SUPERIEURE - *BRIDA SUPERIOR*	AISI 304
18	BRONZINA SUPPORTO SUPERIORE / *UPPER BEARING BUSH* / COUSSINET SUPPORT SUPÉRIEURE / *COJINETE SOPORTE SUPERIOR*	GOMMA / *RUBBER* / CAOUTCHOUC / *CAUCHO*
17	PARA SABBIA / *SAND GUARD* / PARA SABLE / *PROTECTOR ARENA*	NORYL GFN2
15	COPRI CAVO / *CABLE COVER* / PROTECTION CABLE / *PROTECTOR CABLE*	AISI 304
13	DISTANZIATORE INTERMEDIO / *INTERMEDIATE SPACER* / ENTRETOISE INTERMÉDIARE / *DISTANCIADOR INTERMEDIO*	ACCIAIO SINTERIZZATO / *SINTERED STEEL* / FONTE AGGIOMÉRÉ / *ACERO SINTERIZADO*
11	BRONZINA SUPPORTO INTERMEDIO / *INTERMEDIATE BEARING BUSH* / COUSSINET SUPPORT INTERMÉDIARE / *COJINETE SOPORTE INTERMEDIO*	GOMMA / *RUBBER* / CAOUTCHOUC / *CAUCHO*
9	GIRANTE / *IMPELLER* / ROUE / *RODETE*	POLICARBONATO / *POLYCARBONATE* / POLYCARBONATE / *POLICARBONATO*
6	STAFFETTA INFERIORE - *LOWER FLANGE* / BRIDE INFERIEURE - *BRIDA INFERIOR*	AISI 304
3	GIUNTO DI TRAINO / *JOINT* / JOINT / *JUNTA*	AISI 304
4	BRONZINA INFERIORE / *LOWER BEARING BUSH* / COUSSINET INFERIEURE / *COJINETE INFERIOR*	GOMMA / *RUBBER* / CAOUTCHOUC / *CAUCHO*
7	VITE - *SCREW* / VIS - *TORNILLO*	AISI 304

PANELLI®

140 PR N 6”

CE Tolleranze secondo - **Tollerance according to** - *Tolérances selon*
Tolerancias según norma EN UNI-ISO 9906 - **6” (150 mm)**

STANDARD CONSTRUCTION



DESCRIPTION	N.	MATERIAL
MANDATA *DELIVERY BOWL* REFOULEMENT *CUERPO IMPULSIÓN*	23	GHISA *CAST IRON* FONTE *HIERRO*
ANELLO TENUTA MANDATA *KEEPING RING OF DELIVERY BOWL* ANNEAU DE SUBSISTANCE *ANILLO DECSARGA*	22	AISI 304
SFERA *GLOBE* SPHERE *BOLA*	21	GOMMA *RUBBER* CAOUTCHOUC *CAUCHO*
SEEGER	19	AISI 304
CAMICIA *SLEEVE* CHEMISE *CAMISA*	14	AISI 304
SUPPORTO INTERMEDIO *INTERMEDIATE SUPPORT* SUPPORT INTERMÉDIAIRE *SOPORTE INTERMEDIO*	12	NORYL GFN2
DIFFUSORE *DIFFUSEUR* DIFFUSEUR *DIFUSOR*	10	NORYL GFN2
ELEMENTO INTERMEDIO *INTERMEDIATE CASING* ELEMÉNT INTERMÉDIARE *ELEMENTO INTERMEDIO*	8	AISI 304
DISTANZIALE PRIMA GIRANTE *SPACER FIRST IMPELLER* ENTRETOISE PREMIÉRE ROUE *DISTANCIADOR PRIMER RODETE*	5	POLICARBONATO *POLYCARBONATE* POLYCARBONATE *POLICARBONATO*
ALBERO POMPA *PUMP SHAFT* ARBRE POMPE *EJE BOMBA*	16	AISI431
SUCCHERUOLA *SUCTION STRAINER* CRÉPINE *REJILLA*	2	AISI 304
GABBIA DI ASPIRAZIONE *SUCTION CAGE* CAGE D’ASPIRATION *CUERPO ASPIRACIÓN*	1	GHISA *CAST IRON* FONTE *HIERRO*

MATERIAL	N.	DESCRIPTION
GOMMA *RUBBER* CAOUTCHOUC *CAUCHO*	18	BRONZINA SUPPORTO SUPERIORE *UPPER BEARING BUSH* COUSSINET SUPPORT SUPÉRIEURE *COJINETE SOPORTE SUPERIOR*
ACCIAIO SINTERIZZATO *SINTERED STEEL* FONTE AGGIOMÉRÉ *ACERO SINTERIZADO*	13	DISTANZIATORE INTERMEDIO *INTERMEDIATE SPACER* ENTRETOISE INTERMÉDIARE *DISTANCIADOR INTERMEDIO*
NORYL GFN2	17	PARA SABBIA - *SAND GUARD* PARA SABLE - *PROTECTOR ARENA*
POLICARBONATO *POLYCARBONATE* POLYCARBONATE *POLICARBONATO*	9	GIRANTE *IMPELLER* ROUE *RODETE*
ACCIAIO SINTERIZZATO *SINTERED STEEL* FONTE AGGIOMÉRÉ *ACERO SINTERIZADO*	13	DISTANZIATORE INTERMEDIO *INTERMEDIATE SPACER* ENTRETOISE INTERMÉDIARE *DISTANCIADOR INTERMEDIO*
GOMMA *RUBBER* CAOUTCHOUC *CAUCHO*	11	BRONZINA SUPPORTO INTERMEDIO *INTERMEDIATE BEARING BUSH* COUSSINET SUPPORT INTERMÉDIARE *COJINETE SOPORTE INTERMEDIO*
AISI 304	3	GIUNTO DI TRAINO *JOINT* JOINT *JUNTA*
GOMMA *RUBBER* CAOUTCHOUC *CAUCHO*	4	BRONZINA INFERIORE *LOWER BEARING BUSH* COUSSINET INFERIEURE *COJINETE INFERIOR*

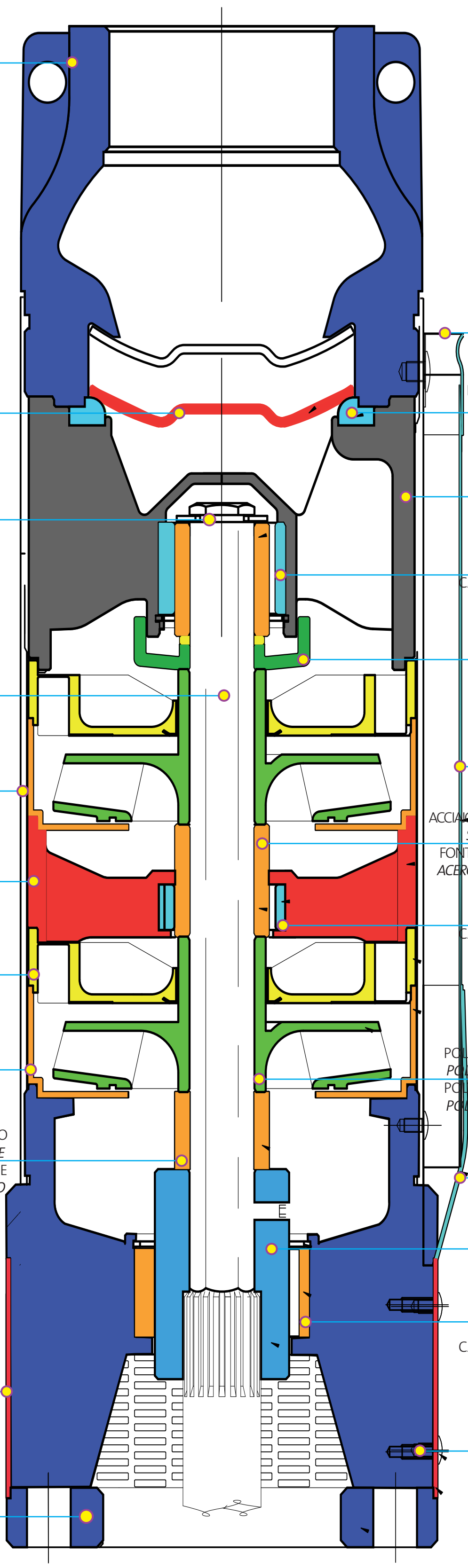
PANELLI®

140 PR N

140 PR N 6"

CE Tolleranze secondo - **Tolerance according to** - *Tolérances selon* Tolerancias según norma EN UNI-ISO 9906 - **6" (150 mm)**

STAINLESS STEEL CAP VALVE

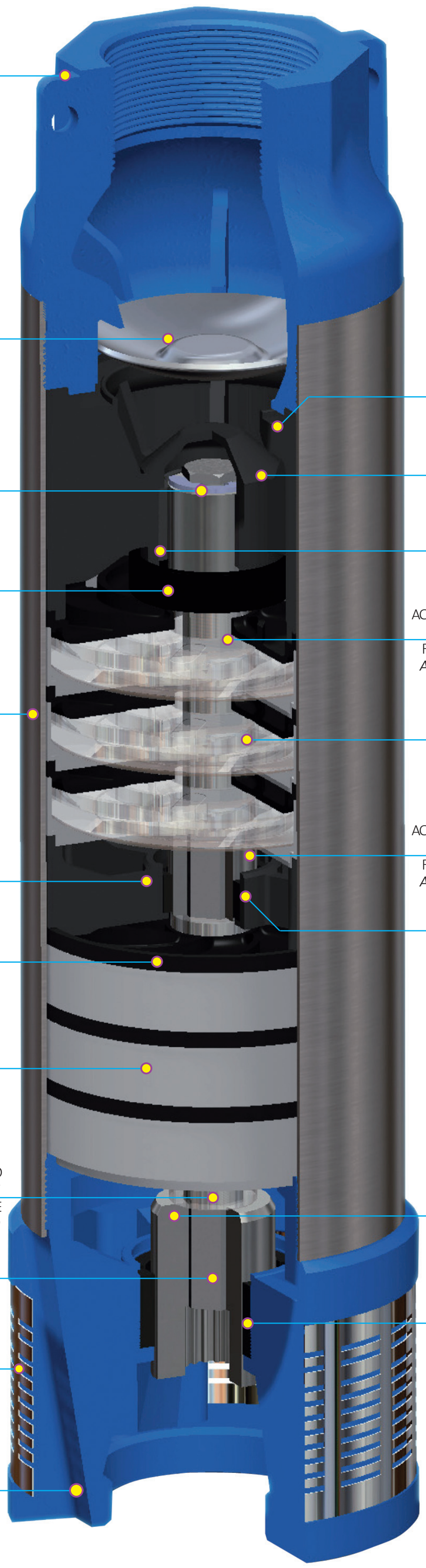


PANELLI®

140 PR N 6”

CE Tolleranze secondo - **Tollerance according to** - *Tolérances selon*
Tolerancias según norma EN UNI-ISO 9906 - **6” (150 mm)**

STAINLESS STEEL CAP VALVE



N.	DESCRIPTION	MATERIAL
23	MANDATA *DELIVERY BOWL* REFOULEMENT *CUERPO IMPULSIÓN*	GHISA *CAST IRON* FONTE
21	FARFALLA *CAP VALVE* PLAT *VALVULA DE RETENCION*	AISI 304
19	SEEGER	AISI 304
17	PARA SABBIA - *SAND GUARD* PARA SABLE *PROTECTOR ARENA*	NORYL GFN2
14	CAMICIA *SLEEVE* CHEMISE *CAMISA*	AISI 304
12	SUPPORTO INTERMEDIO *INTERMEDIATE SUPPORT* SUPPORT INTERMÉDIARE *SOPORTE INTERMEDIO*	NORYL GFN2
10	DIFFUSORE *DIFFUSEUR* DIFFUSEUR *DIFUSOR*	NORYL GFN2
8	ELEMENTO INTERMEDIO *INTERMEDIATE CASING* ELEMÉNT INTERMÉDIARE *ELEMENTO INTERMEDIO*	AISI 304
5	DISTANZIALE PRIMA GIRANTE *SPACER FIRST IMPELLER* ENTRETOISE PREMIÉRE ROUE *DISTANCIADOR PRIMER RODETE*	POLICARBONATO *POLYCARBONATE* POLYCARBONATE *POLICARBONATO*
16	ALBERO POMPA *PUMP SHAFT* ARBRE POMPE *EJE BOMBA*	AISI431
2	SUCCHERUOLA *SUCTION STRAINER* CRÉPINE *REJILLA*	AISI 304
1	GABBIA DI ASPIRAZIONE *SUCTION CAGE* CAGE D'ASPIRATION *CUERPO ASPIRACIÓN*	GHISA *CAST IRON* FONTE *HIERRO*

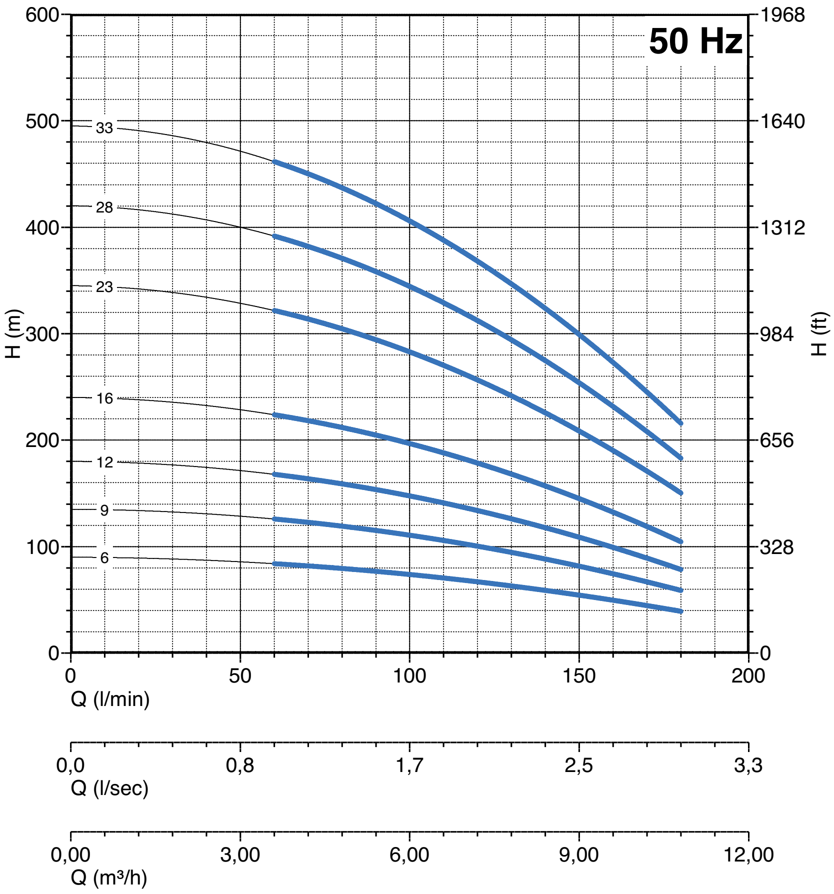
N.	MATERIAL	DESCRIPTION
22	ELASTOMERO EPDM	GUARNIZIONE FARFALLA *KEEPING RING OF DELIVERY BOWL* ANNEAU DE SUBSISTANCE *JUNTA VALVULA*
24	NORYL GFN2	SUPPORTO SUPERIORE *UPPER BEARING* SUPPORT SUPÉRIEURE *SOPORTE SUPERIOR*
18	GOMMA *RUBBER* CAOUTCHOUC *CAUCHO*	BRONZINA SUPPORTO SUPERIORE *UPPER BEARING BUSH* COUSSINET SUPPORT SUPÉRIEURE *COJINETE SOPORTE SUPERIOR*
13	ACCIAIO SINTERIZZATO *SINTERED STEEL* FONTE AGGIOMÉRÉ *ACERO SINTERIZADO*	DISTANZIATORE INTERMEDIO *INTERMEDIATE SPACER* ENTRETOISE INTERMÉDIARE *DISTANCIADOR INTERMEDIO*
9	POLICARBONATO *POLYCARBONATE* POLYCARBONATE *POLICARBONATO*	GIRANTE *IMPELLER* ROUE *RODETE*
13	ACCIAIO SINTERIZZATO *SINTERED STEEL* FONTE AGGIOMÉRÉ *ACERO SINTERIZADO*	DISTANZIATORE INTERMEDIO *INTERMEDIATE SPACER* ENTRETOISE INTERMÉDIARE *DISTANCIADOR INTERMEDIO*
11	GOMMA *RUBBER* CAOUTCHOUC *CAUCHO*	BRONZINA SUPPORTO INTERMEDIO *INTERMEDIATE BEARING BUSH* COUSSINET SUPPORT INTERMÉDIARE *COJINETE SOPORTE INTERMEDIO*
3	AISI 304	GIUNTO DI TRAINO *JOINT - JOINT - JUNTA*
4	GOMMA *RUBBER* CAOUTCHOUC *CAUCHO*	BRONZINA INFERIORE *LOWER BEARING BUSH* COUSSINET INFERIEURE *COJINETE INFERIOR*

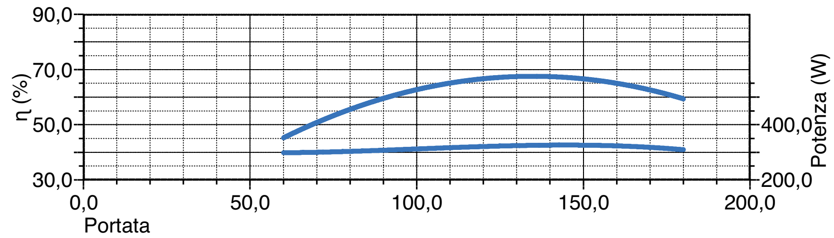
PANELLI®

140 PR N

140 PR6 N 6”

CE Tolleranze secondo - **Tollerance according to** - *Tolérances selon*
Tolerancias según norma EN UNI-ISO 9906 - **6” (150 mm)**



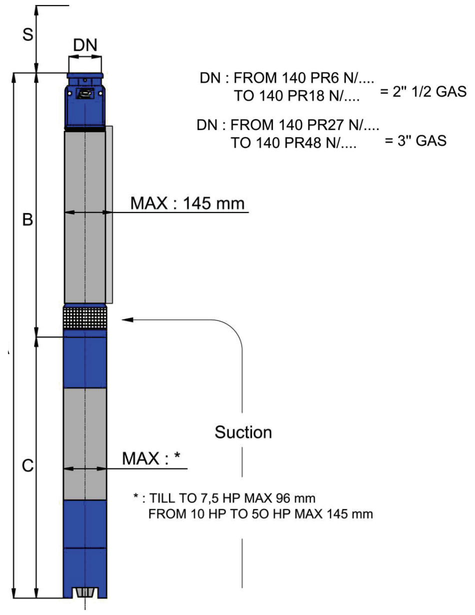


H = Prevalenza totale. **Da 39 a 462 m**
Q = Portata. **Da 60 a 180 l/min**
η% = Rendimento della pompa. **Max 67,0 %**
W/st = Assorbim. per stadio. **Max 330,00**
Massimo contenuto di sabbia. **400 g/m³**
S = Battente minimo (m) **Max 1**

H = Total head. **From 39 to 462 m**
Q = Capacity. **From 60 to 180 l/min**
η% = Pump efficency. **Max 67,0 %**
W/st = Stage absorption. **Max 330,00**
Maximum sand content **400 g/m³**
S = Minimum head (m) **Max 1**

H = hauter manométrique. **From 39 to 462 m**
Q = Débit. **From 60 to 180 l/min**
η% = Rendement de la pompe. **Max 67,0 %**
W/st = Absorption par étage. **Max 330,00**
Contenu maximal de sable. **400 g/m³**
S = Niveau minimal (m). **Max 1**

H =Altura manométrica. **Da 39 a 462 m**
Q = Caudal. **De 60 a 180 l/min**
η% = Rendimiento de la bomba. **Max 67,0 %**
W/st = Potencia absorbida por etapa. **Max 330,00**
Condenito màximo de arena. **400 g/m³**
S = Nivel minimo (m) **Max 1**



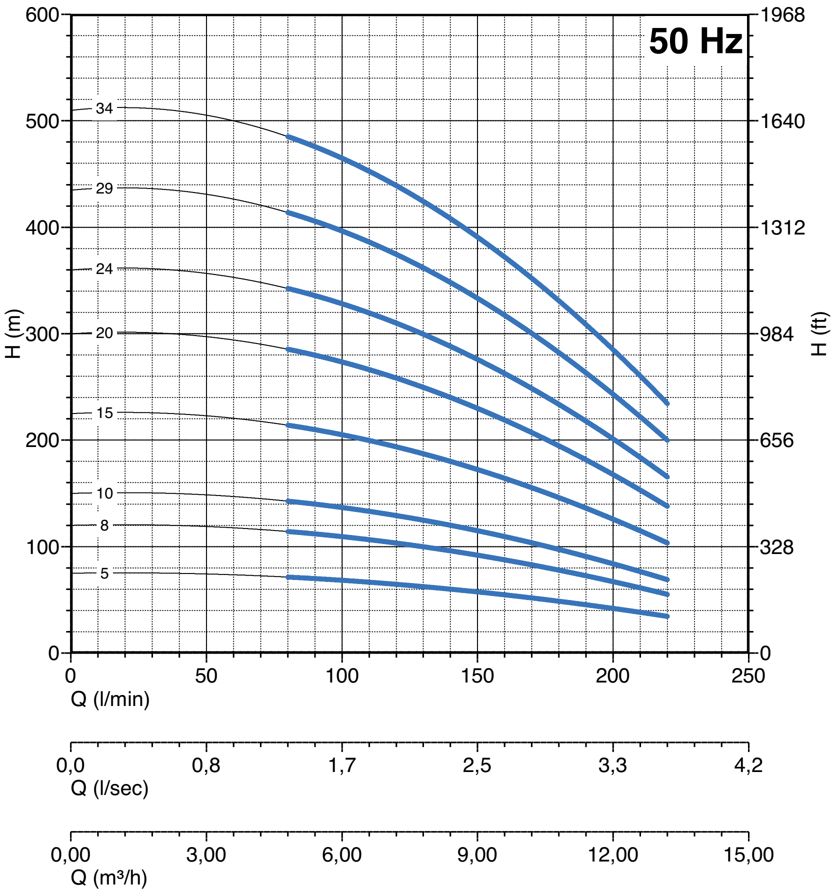
Motore - Motor - Moteur Caratteristiche a 2900 rpm				Q=Portata - Capacity - Debit								
Tipo - Type	Power kW	Power HP	V 400 A	l/min	0	60	80	100	120	140	160	180
				l/sec	0,00	1,00	1,33	1,67	2,00	2,33	2,67	3,00
				m³/h	0,0	3,6	4,8	6,0	7,2	8,4	9,6	10,8
140 PR6 N/06	2,20	3	5,5	H[m]	90	84	80	73	67	59	50	39
140 PR6 N/09	3,00	4	6,7	H[m]	135	126	120	109	100	88	75	59
140 PR6 N/12	4,00	5,5	10	H[m]	180	168	160	146	134	118	100	78
140 PR6 N/16	5,50	7,5	12,5	H[m]	240	224	213	195	179	157	133	104
140 PR6 N/23	7,50	10	17,5	H[m]	345	322	307	280	257	226	192	150
140 PR6 N/28	9,20	12,5	21	H[m]	420	392	373	340	312	275	233	182
140 PR6 N/33	11,00	15	24,5	H[m]	495	462	440	401	368	324	275	215

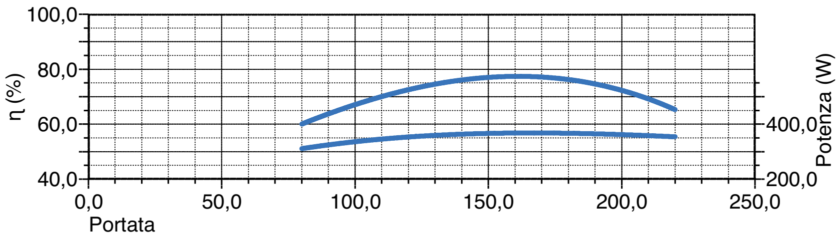
Dimensioni di ingombro e pesi
Overall dimensions and weights

Tipo - Type	A mm Tri	B mm	C mm Tri	M kg Tri	P kg
140 PR6 N/06	973	521	452	15	14
140 PR6 N/09	1156	599	557	19	16
140 PR6 N/12	1274	677	597	22	18
140 PR6 N/16	1479	781	698	27	21
140 PR6 N/23	1696	995	701	55	25
140 PR6 N/28	1876	1125	751	60	28
140 PR6 N/33	2066	1255	811	65	32

140 PR8 N 6”

CE Tolleranze secondo - **Tollerance according to** - *Tolérances selon*
Tolerancias según norma EN UNI-ISO 9906 - **6” (150 mm)**



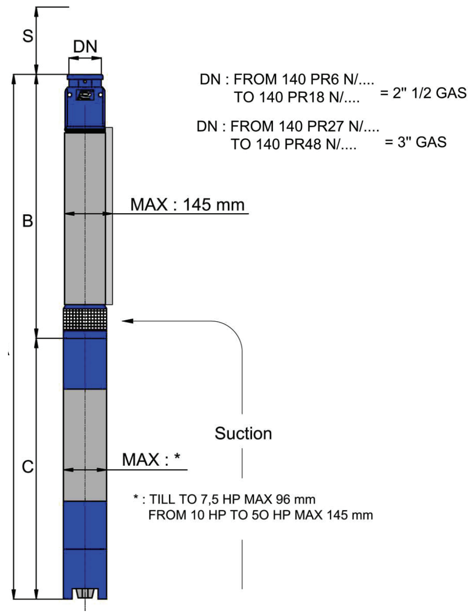


H = Prevalenza totale. **Da 35 a 483 m**
Q = Portata. **Da 80 a 220 l/min**
η% = Rendimento della pompa. **Max 77,0 %**
W/st = Assorbim. per stadio. **Max 375,00**
Massimo contenuto di sabbia. **400 g/m³**
S = Battente minimo (m) **Max 1**

H = Total head. **From 35 to 483 m**
Q = Capacity. **From 80 to 220 l/min**
η% = Pump efficency. **Max 77,0 %**
W/st = Stage absorption. **Max 375,00**
Maximum sand content **400 g/m³**
S = Minimum head (m) **Max 1**

H = hauter manométrique. **From 35 to 483 m**
Q = Débit. **From 80 to 220 l/min**
η% = Rendement de la pompe. **Max 77,0 %**
W/st = Absorption par étage. **Max 375,00**
Contenu maximal de sable. **400 g/m³**
S = Niveau minimal (m). **Max 1**

H =Altura manométrica. **Da 35 a 483 m**
Q = Caudal. **De 80 a 220 l/min**
η% = Rendimiento de la bomba. **Max 77,0 %**
W/st = Potencia absorbida por etapa. **Max 375,00**
Condenito màximo de arena. **400 g/m³**
S = Nivel minimo (m) **Max 1**



Motore - Motor - Moteur Caratteristiche a 2900 rpm				Q=Portata - Capacity - Debit									
Tipo - Type	Power		V 400	l/min	0	80	100	120	140	160	180	200	220
				l/sec	0,00	1,33	1,67	2,00	2,33	2,67	3,00	3,33	3,67
	kW	HP	A	m³/h	0,0	4,8	6,0	7,2	8,4	9,6	10,8	12,0	13,2
140 PR8 N/05	2,20	3	5,5	H[m]	75	71	69	65	60	55	49	42	35
140 PR8 N/08	3,00	4	6,7		120	114	110	104	96	87	78	67	55
140 PR8 N/10	4,00	5,5	10		150	142	137	130	120	109	97	84	69
140 PR8 N/15	5,50	7,5	12,5		225	213	206	195	180	164	146	126	104
140 PR8 N/20	7,50	10	17,5		300	284	274	260	240	218	194	168	138
140 PR8 N/24	9,20	12,5	21		360	341	329	312	288	262	233	202	166
140 PR8 N/29	11,00	15	24,5		435	412	397	377	348	316	281	244	200
140 PR8 N/34	13,00	17,5	28		510	483	466	442	408	371	330	286	235

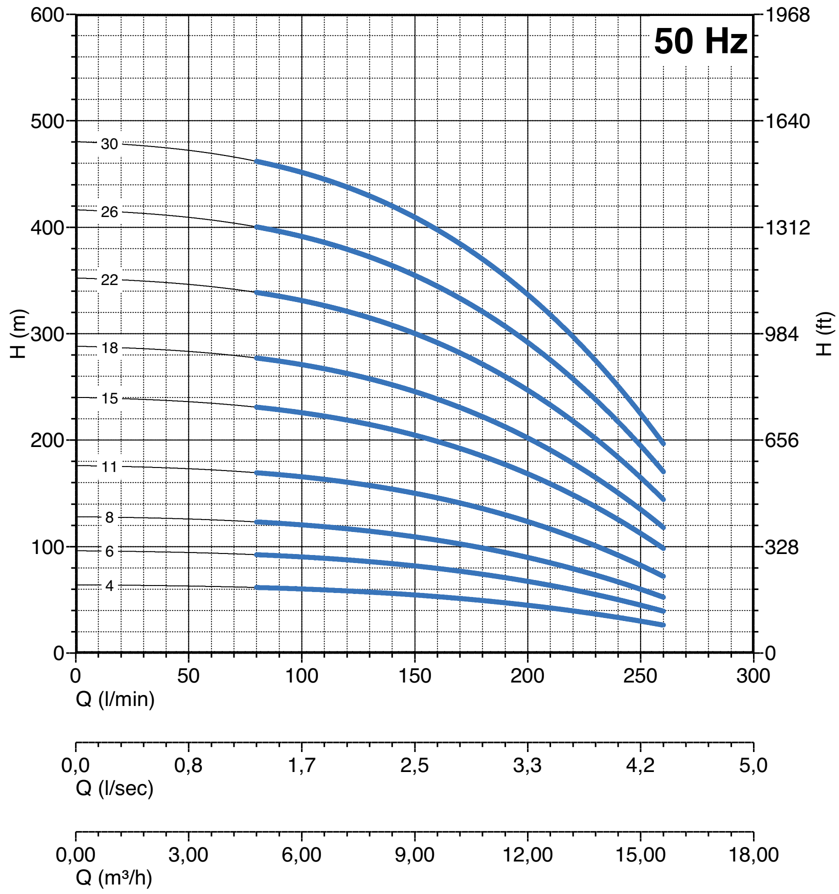
Dimensioni di ingombro e pesi Overall dimensions and weights					
Tipo - Type	A mm Tri	B mm	C mm Tri	M kg Tri	P kg
140 PR8 N/05	947	495	452	15	14
140 PR8 N/08	1130	573	557	19	16
140 PR8 N/10	1222	625	597	22	18
140 PR8 N/15	1453	755	698	27	21
140 PR8 N/20	1586	885	701	55	25
140 PR8 N/24	1772	1021	751	60	28
140 PR8 N/29	1962	1151	811	65	32
140 PR8 N/34	2122	1281	841	70	36

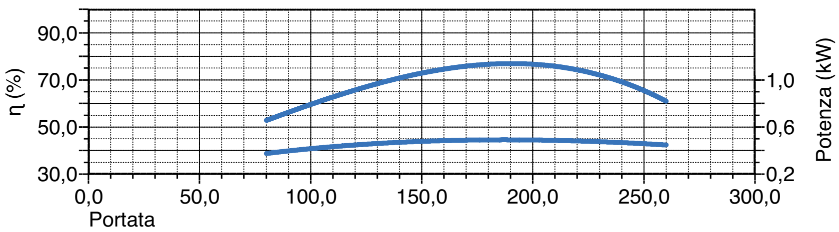
PANELLI®

140 PR N

140 PR9 N (6")

CE Tolleranze secondo - **Tollerance according to** - *Tolérances selon*
Tolerancias según norma EN UNI-ISO 9906 - **6" (150 mm)**



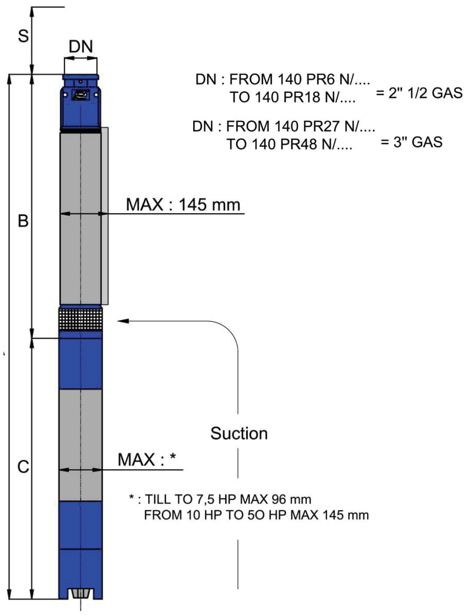


H = Prevalenza totale. **Da 26 a 465 m**
Q = Portata. **Da 80 a 260 l/min**
η% = Rendimento della pompa. **Max 77,0 %**
kw/st = Assorbim. per stadio. **Max 0,49**
Massimo contenuto di sabbia. **400 g/m³**
S = Battente minimo (m) **Max 1**

H = Total head. **From 26 to 465 m**
Q = Capacity. **From 80 to 260 l/min**
η% = Pump efficency. **Max 77,0 %**
kw/st = Stage absorption. **Max 0,49**
Maximum sand content **400 g/m³**
S = Minimum head (m) **Max 1**

H = hauter manométrique. **From 26 to 465 m**
Q = Débit. **From 80 to 260 l/min**
η% = Rendement de la pompe. **Max 77,0 %**
kw/st = Absorption par étage. **Max 0,49**
Contenu maximal de sable. **400 g/m³**
S = Niveau minimal (m). **Max 1**

H =Altura manométrica. **Da 26 a 465 m**
Q = Caudal. **De 80 a 260 l/min**
η% = Rendimiento de la bomba. **Max 77,0 %**
kw/st = Potencia absorbida por etapa. **Max 0,49**
Condenito màximo de arena. **400 g/m³**
S = Nivel minimo (m) **Max 1**



DN : FROM 140 PR6 N/.... TO 140 PR18 N/.... = 2" 1/2 GAS
DN : FROM 140 PR27 N/.... TO 140 PR48 N/.... = 3" GAS
* : TILL TO 7,5 HP MAX 96 mm
FROM 10 HP TO 50 HP MAX 145 mm

Tipo - Type	Motore - Motor - Moteur Caratteristiche a 2900 rpm: Power kW	Power HP	V 400 A	Q=Portata - Capacity - Debit								
				l/min	0	80	110	140	170	200	230	260
				l/sec	0,00	1,33	1,83	2,33	2,83	3,33	3,83	4,33
				m³/h	0,0	4,8	6,6	8,4	10,2	12,0	13,8	15,6
140 PR9 N/04	2,20	3	5,5	H[m]	64	62	59	56	51	45	37	26
140 PR9 N/06	3,00	4	6,7		96	93	89	84	77	68	56	39
140 PR9 N/08	4,00	5,5	10		128	124	118	112	102	90	74	52
140 PR9 N/11	5,50	7,5	12,5		176	171	162	154	140	124	102	72
140 PR9 N/15	7,50	10	17,5		240	233	221	210	191	169	139	98
140 PR9 N/18	9,20	12,5	21		288	279	266	252	230	203	167	117
140 PR9 N/22	11,00	15	24,5		352	341	325	308	281	248	204	143
140 PR9 N/26	13,00	17,5	28		416	403	384	364	332	293	241	169
140 PR9 N/30	15,00	20	32		480	465	443	420	383	338	278	195

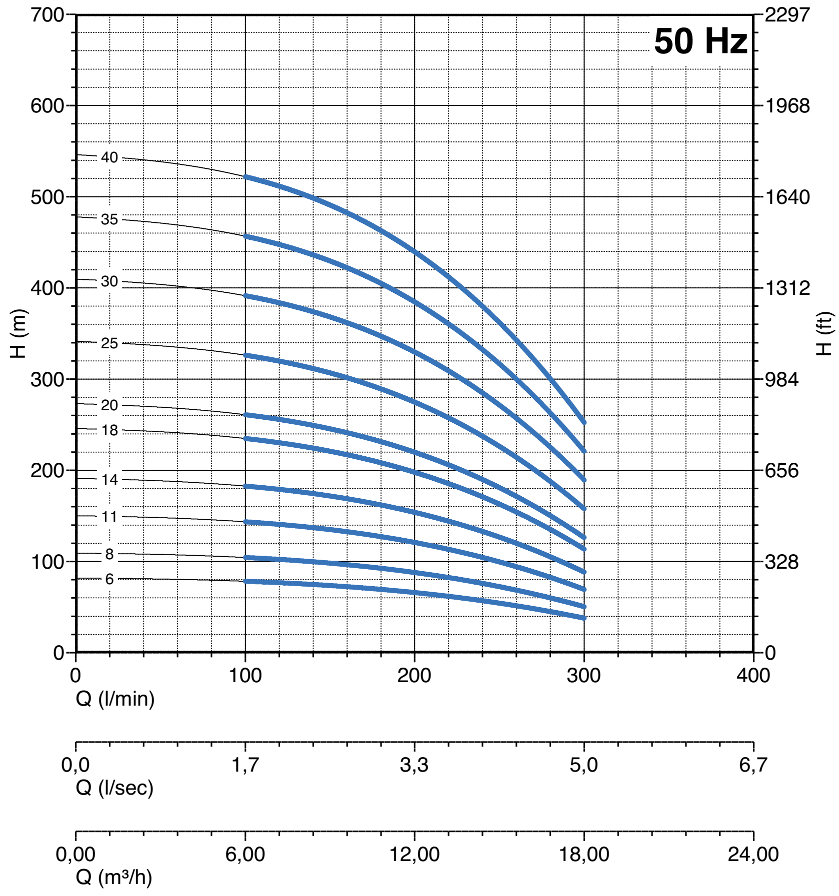
Dimensioni di ingombro e pesi
Overall dimensions and weights

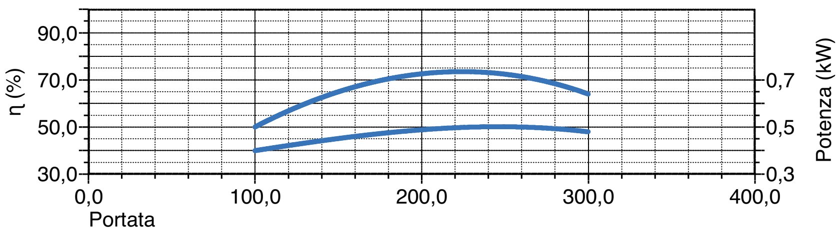
Tipo - Type	A mm Tri	B mm	C mm Tri	M kg Tri	P kg
140 PR9 N/04	921	469	452	15	14
140 PR9 N/06	1078	521	557	19	16
140 PR9 N/08	1170	573	597	22	18
140 PR9 N/11	1349	651	698	27	21
140 PR9 N/15	1456	755	701	55	25
140 PR9 N/18	1584	833	751	60	28
140 PR9 N/22	1780	969	811	65	32
140 PR9 N/26	1914	1073	841	70	36
140 PR9 N/30	2108	1177	931	75	40

PANELLI®

140 PR12 N 6”

CE Tolleranze secondo - **Tollerance according to** - *Tolérances selon*
Tolerancias según norma EN UNI-ISO 9906 - **6” (150 mm)**



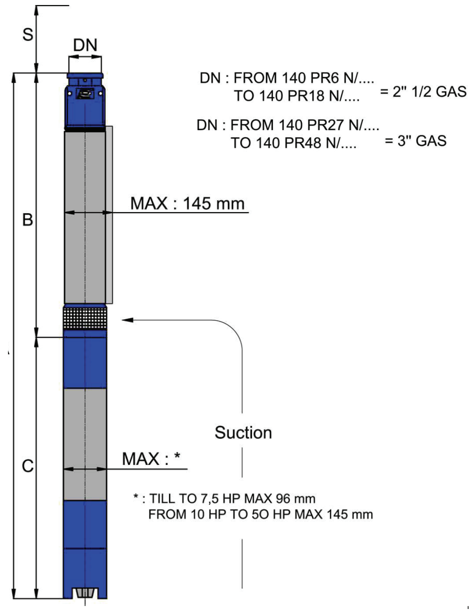


H = Prevalenza totale. **Da 38 a 520 m**
Q = Portata. **Da 100 a 300 l/min**
η% = Rendimento della pompa. **Max 72,6 %**
kw/st = Assorbim. per stadio. **Max 0,50**
Massimo contenuto di sabbia. **400 g/m³**
S = Battente minimo (m) **Max 1**

H = Total head. **From 38 to 520 m**
Q = Capacity. **From 100 to 300 l/min**
η% = Pump efficency. **Max 72,6 %**
kw/st = Stage absorption. **Max 0,50**
Maximum sand content **400 g/m³**
S = Minimum head (m) **Max 1**

H = hauter manométrique. **From 38 to 520 m**
Q = Débit. **From 100 to 300 l/min**
η% = Rendement de la pompe. **Max 72,6 %**
kw/st = Absorption par étage. **Max 0,50**
Contenu maximal de sable. **400 g/m³**
S = Niveau minimal (m). **Max 1**

H =Altura manométrica. **Da 38 a 520 m**
Q = Caudal. **De 100 a 300 l/min**
η% = Rendimiento de la bomba. **Max 72,6 %**
kw/st = Potencia absorbida por etapa. **Max 0,50**
Condenito màximo de arena. **400 g/m³**
S = Nivel minimo (m) **Max 1**



Motore - Motor - Moteur Caratteristiche a 2900 rpm					Q=Portata - Capacity - Debit					
Tipo - Type	Power		V 400	l/min	0	100	150	200	250	300
				l/sec	0,00	1,67	2,50	3,33	4,17	5,00
	kW	HP	A	m³/h	0,0	6,0	9,0	12,0	15,0	18,0
140 PR12 N/06	3,00	4	6,7		82	78	74	66	54	38
140 PR12 N/08	4,00	5,5	10		109	104	99	88	72	51
140 PR12 N/11	5,50	7,5	12,5		150	143	136	121	99	70
140 PR12 N/14	7,50	10	17,5		191	182	173	154	126	89
140 PR12 N/18	9,20	12,5	21	H[m]	246	234	222	198	162	114
140 PR12 N/20	11,00	15	24,5		273	260	247	220	180	127
140 PR12 N/25	13,00	17,5	28		342	325	308	275	225	158
140 PR12 N/30	15,00	20	32		410	390	370	330	270	190
140 PR12 N/35	18,50	25	40		478	455	432	385	315	222
140 PR12 N/40	22,00	30	47,5		546	520	493	440	360	253

Dimensioni di ingombro e pesi
Overall dimensions and weights

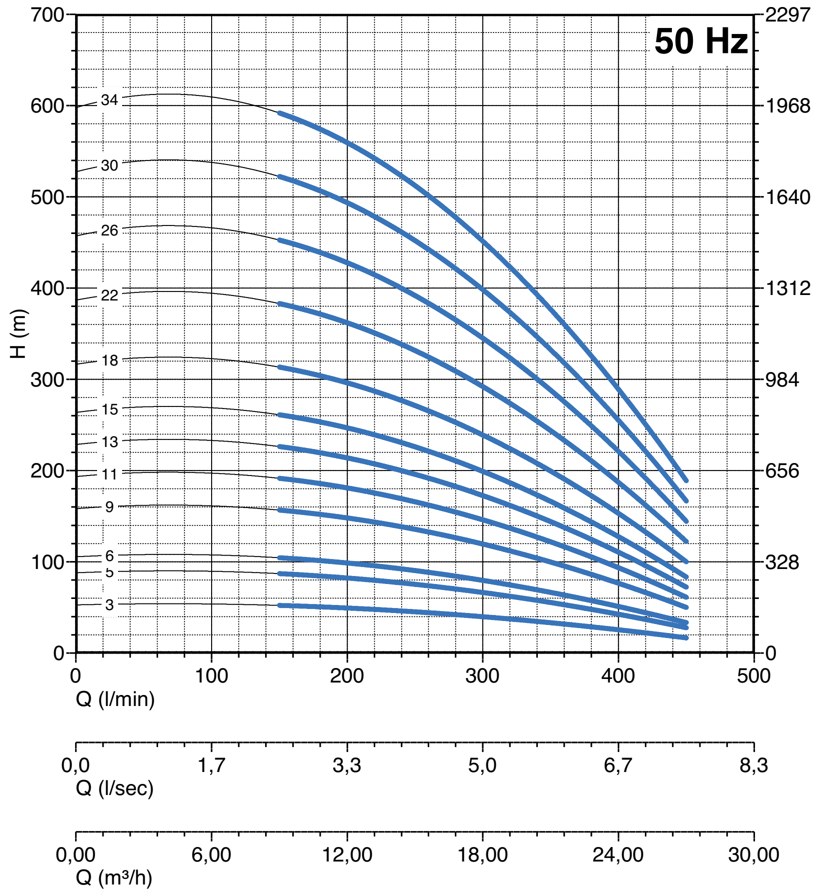
Tipo - Type	A mm Tri	B mm	C mm Tri	M kg Tri	P kg
140 PR12 N/06	1078	521	557	19	16
140 PR12 N/08	1170	573	597	22	18
140 PR12 N/11	1349	651	698	27	21
140 PR12 N/14	1430	729	701	55	25
140 PR12 N/18	1616	865	751	60	29
140 PR12 N/20	1728	917	811	65	31
140 PR12 N/25	1888	1047	841	70	37
140 PR12 N/30	2108	1177	931	75	42
140 PR12 N/35	2330	1339	991	83	47
140 PR12 N/40	2540	1469	1071	92	52

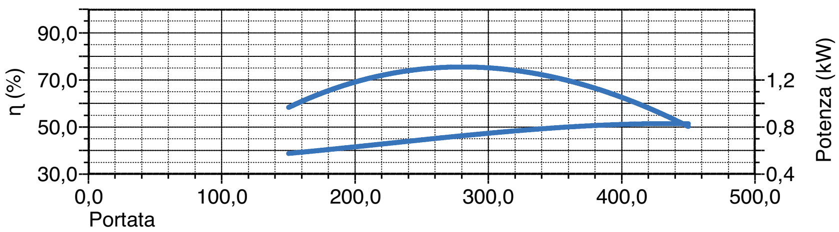
PANELLI®

140 PR N

140 PR16 N 6"

CE Tolleranze secondo - **Tollerance according to** - *Tolérances selon*
Tolerancias según norma EN UNI-ISO 9906 - **6" (150 mm)**



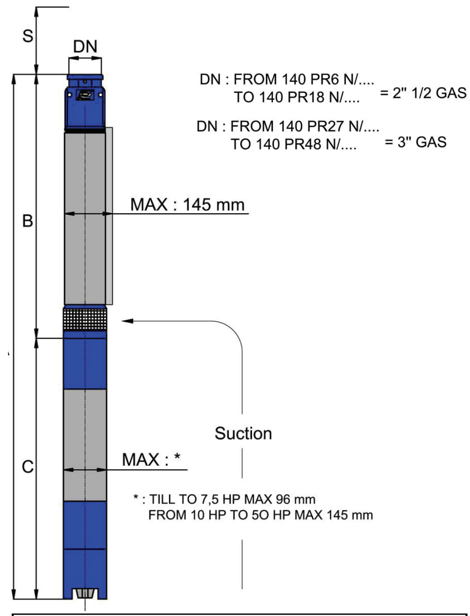


H = Prevalenza totale. **Da 17 a 589 m**
Q = Portata. **Da 150 a 450 l/min**
η% = Rendimento della pompa. **Max 75,0 %**
kw/st = Assorbim. per stadio. **Max 0,83**
Massimo contenuto di sabbia. **400 g/m³**
S = Battente minimo (m) **Max 1**

H = Total head. **From 17 to 589 m**
Q = Capacity. **From 150 to 450 l/min**
η% = Pump efficency. **Max 75,0 %**
kw/st = Stage absorption. **Max 0,83**
Maximum sand content **400 g/m³**
S = Minimum head (m) **Max 1**

H = hauter manométrique. **From 17 to 589 m**
Q = Débit. **From 150 to 450 l/min**
η% = Rendement de la pompe. **Max 75,0 %**
kw/st = Absorption par étage. **Max 0,83**
Contenu maximal de sable. **400 g/m³**
S = Niveau minimal (m). **Max 1**

H =Altura manométrica. **Da 17 a 589 m**
Q = Caudal. **De 150 a 450 l/min**
η% = Rendimiento de la bomba. **Max 75,0 %**
kw/st = Potencia absorbida por etapa. **Max 0,83**
Condenito màximo de arena. **400 g/m³**
S = Nivel minimo (m) **Max 1**



Tipo - Type	Motore - Motor - Moteur Caratteristiche a 2900 rpm				Q=Portata - Capacity - Debit							
	Power		V 400	l/min	0	150	200	250	300	350	400	450
				l/sec	0,00	2,50	3,33	4,17	5,00	5,83	6,67	7,50
	kW	HP	A	m³/h	0,0	9,0	12,0	15,0	18,0	21,0	24,0	27,0
140 PR16 N/03	3,00	4	6,7	H[m]	53	52	49	46	40	33	25	17
140 PR16 N/05	4,00	5,5	10		88	87	82	77	67	55	42	28
140 PR16 N/06	5,50	7,5	12,5		106	104	98	92	80	66	50	34
140 PR16 N/09	7,50	10	17,5		158	156	147	138	120	99	75	51
140 PR16 N/11	9,20	12,5	21		194	191	180	169	147	121	92	62
140 PR16 N/13	11,00	15	24,5		229	225	212	199	173	143	108	74
140 PR16 N/15	13,00	17,5	28		264	260	245	230	200	165	125	85
140 PR16 N/18	15,00	20	32		317	312	294	276	240	198	150	102
140 PR16 N/22	18,50	25	40		387	381	359	337	293	242	183	125
140 PR16 N/26	22,00	30	47,5		458	451	425	399	347	286	217	147
140 PR16 N/30	26,00	35	55		528	520	490	460	400	330	250	170
140 PR16 N/34	30,00	40	62,5		598	589	555	521	453	374	283	192

Dimensioni di ingombro e pesi
Overall dimensions and weights

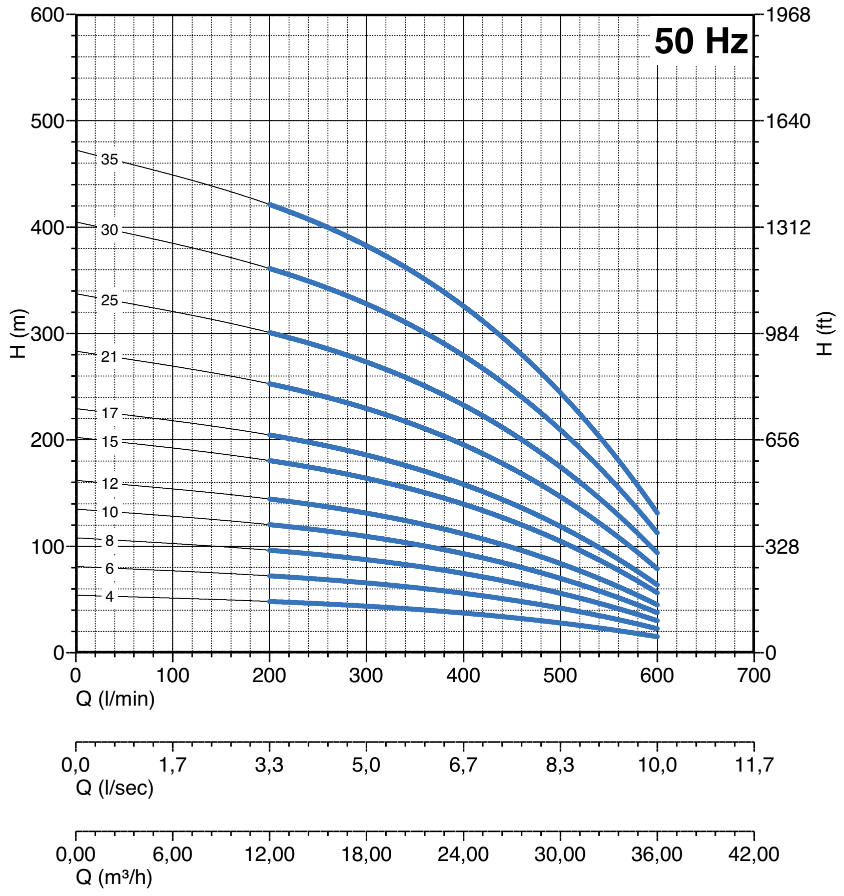
Tipo - Type	A mm Tri	B mm	C mm Tri	M kg Tri	P kg
140 PR16 N/03	1022,5	465,5	557	19	14
140 PR16 N/05	1129,5	532,5	597	22	15
140 PR16 N/06	1264	566	698	27	16
140 PR16 N/09	1367,5	666,5	701	55	18
140 PR16 N/11	1484,5	733,5	751	60	22
140 PR16 N/13	1611,5	800,5	811	65	24
140 PR16 N/15	1708,5	867,5	841	70	27
140 PR16 N/18	1899	968	931	75	31
140 PR16 N/22	2093	1102	991	83	34
140 PR16 N/26	2307	1236	1071	92	38
140 PR16 N/30	2551	1370	1181	100	40
140 PR16 N/34	2755	1504	1251	108	42

PANELLI®

140 PR N

140 PR24 N 6"

CE Tolleranze secondo - **Tollerance according to** - *Tolérances selon*
Tolerancias según norma EN UNI-ISO 9906 - **6" (150 mm)**

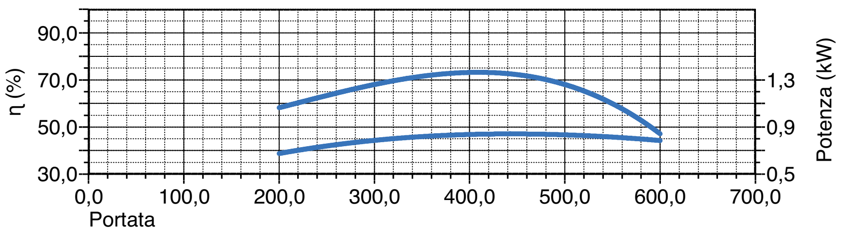


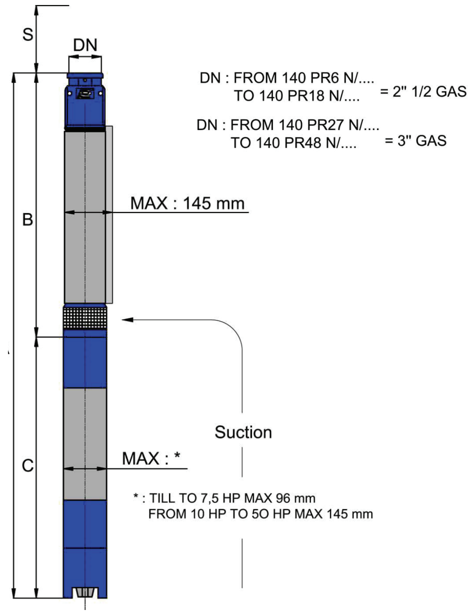
H = Prevalenza totale. **Da 15 a 420 m**
Q = Portata. **Da 200 a 600 l/min**
η% = Rendimento della pompa. **Max 72,5 %**
kw/st = Assorbim. per stadio. **Max 0,83**
Massimo contenuto di sabbia. **400 g/m³**
S = Battente minimo (m) **Max 1**

H = Total head. **From 15 to 420 m**
Q = Capacity. **From 200 to 600 l/min**
η% = Pump efficency. **Max 72,5 %**
kw/st = Stage absorption. **Max 0,83**
Maximum sand content **400 g/m³**
S = Minimum head (m) **Max 1**

H = hauter manométrique. **From 15 to 420 m**
Q = Débit. **From 200 to 600 l/min**
η% = Rendement de la pompe. **Max 72,5 %**
kw/st = Absorption par étage. **Max 0,83**
Contenu maximal de sable. **400 g/m³**
S = Niveau minimal (m). **Max 1**

H =Altura manométrica. **Da 15 a 420 m**
Q = Caudal. **De 200 a 600 l/min**
η% = Rendimiento de la bomba. **Max 72,5 %**
kw/st = Potencia absorbida por etapa. **Max 0,83**
Condenito màximo de arena. **400 g/m³**
S = Nivel minimo (m) **Max 1**





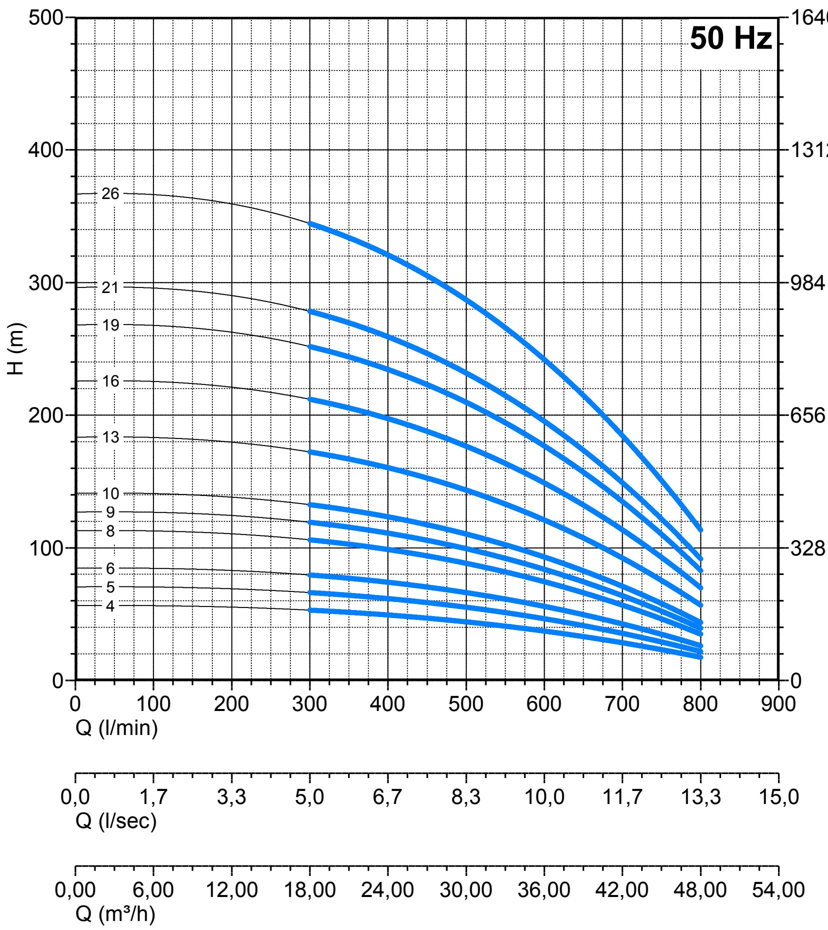
Tipo - Type	Motore - Motor - Moteur Caratteristiche a 2900 rpm				Q=Portata - Capacity - Debit						
	Power		V 400	l/min	0	200	300	400	500	600
				l/sec	0,00	3,33	5,00	6,67	8,33	10,00
	kW	HP	A	m³/h	0,0	12,0	18,0	24,0	30,0	36,0
140 PR24 N/04	4,00	5,5	10	H[m]	54	48	44	37	28	15
140 PR24 N/06	5,50	7,5	12,5		81	72	66	56	42	23
140 PR24 N/08	7,50	10	17,5		108	96	88	74	56	30
140 PR24 N/10	9,20	12,5	21		135	120	110	93	70	38
140 PR24 N/12	11,00	15	24,5		162	144	132	111	84	45
140 PR24 N/15	13,00	17,5	28		203	180	165	139	105	56
140 PR24 N/17	15,00	20	32		230	204	187	157	119	64
140 PR24 N/21	18,50	25	40		284	252	231	194	147	79
140 PR24 N/25	22,00	30	47,5		338	300	275	231	175	94
140 PR24 N/30	26,00	35	55		405	360	330	278	210	113
140 PR24 N/35	30,00	40	62,5		473	420	385	324	245	131

Dimensioni di ingombro e pesi
Overall dimensions and weights

Tipo - Type	A mm Tri	B mm	C mm Tri	M kg Tri	P kg
140 PR24 N/04	1142	545	597	22	16
140 PR24 N/06	1333	635	698	27	17
140 PR24 N/08	1426	725	701	55	18
140 PR24 N/10	1566	815	751	60	21
140 PR24 N/12	1716	905	811	65	23
140 PR24 N/15	1881	1040	841	70	26
140 PR24 N/17	2061	1130	931	75	28
140 PR24 N/21	2301	1310	991	83	31
140 PR24 N/25	2561	1490	1071	92	35
140 PR24 N/30	2896	1715	1181	100	39
140 PR24 N/35	3191	1940	1251	108	45

PANELLI® 140 PR34 N

TÜV SÜD ISO 9001



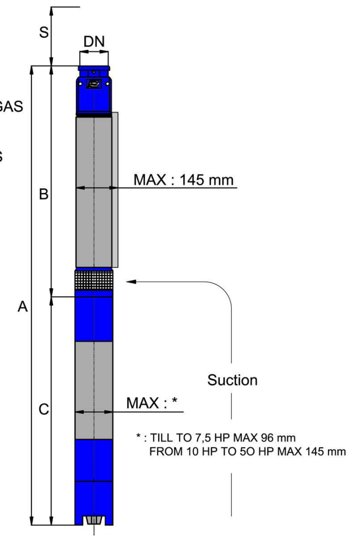
H = Prevalenza totale. **Da 17 a 346 m**
Q = Portata. **Da 300 a 800 l/min**
n% = Rendimento della pompa. **Max 67,5 %**
kw/st = Assorbim. per stadio. **Max 1,40**
Massimo contenuto di sabbia. **400 g/m³**
S = Battente minimo (m) **Max 1**

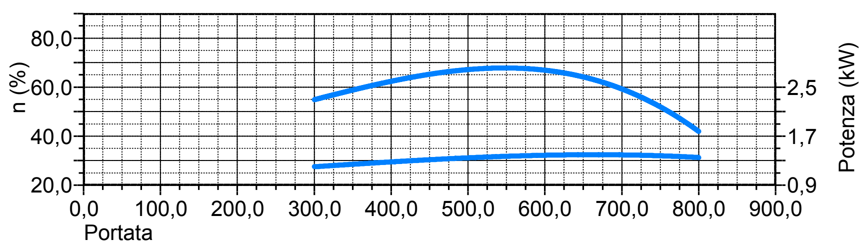
H = Total head. **From 17 to 346 m**
Q = Capacity. **From 300 to 800 l/min**
n% = Pump efficency. **Max 67,5 %**
kw/st = Stage absorption. **Max 1,40**
Maximum sand content **400 g/m³**
S = Minimum head (m) **Max 1**

H = hauter manometrique. **From 17 to 346 m**
Q = Débit. **From 300 to 800 l/min**
n% = Rendement de la pompe. **Max 67,5 %**
kw/st = Absorption par étage. **Max 1,40**
Contenu maximal de sable. **400 g/m³**
S = Niveau minimal (m). **Max 1**

H =Altura manométrica. **Da 17 a 346 m**
Q = Caudal. **De 300 a 800 l/min**
n% = Rendimiento de la bomba. **Max 67,5 %**
kw/st = Potencia absorbida por etapa. **Max 1,40**
Condenito màximo de arena. **400 g/m³**
S = Nivel minimo (m) **Max 1**

DN : FROM 140 PR6 N/.... TO 140 PR18 N/.... = 2" 1/2 GAS
DN : FROM 140 PR27 N/.... TO 140 PR48 N/.... = 3" GAS





Motore - Motor - Moteur Caratteristiche a 2900 rpm				Q=Portata - Capacity - Debit							
Tipo - Type	Power		V 400	l/min	0	300	400	500	600	700	800
				l/sec	0,00	5,00	6,67	8,33	10,00	11,67	13,33
	kW	HP	A	m³/h	0,0	18,0	24,0	30,0	36,0	42,0	48,0
140 PR34 N/04	5,50	7,5	12,5	H[m]	56	53	49	44	37	29	17
140 PR34 N/05	7,50	10	17,5		71	67	62	55	47	36	22
140 PR34 N/06	9,20	12,5	21		85	80	74	66	56	43	26
140 PR34 N/08	11,00	15	24,5		113	106	98	88	74	57	35
140 PR34 N/09	13,00	17,5	28		127	120	111	99	84	64	39
140 PR34 N/10	15,00	20	32		141	133	123	110	93	72	43
140 PR34 N/13	18,50	25	40		183	173	160	143	121	93	56
140 PR34 N/16	22,00	30	47,5		226	213	197	176	149	115	69
140 PR34 N/19	26,00	35	55		268	253	234	209	177	136	82
140 PR34 N/21	30,00	40	62,5		296	279	258	231	195	150	91
140 PR34 N/26	37,00	50	78		367	346	320	286	242	186	113

Dimensioni di ingombro e pesi
Overall dimensions and weights

Tipo - Type	A mm Tri	B mm	C mm Tri	M kg Tri	P kg
140 PR34 N/04	1307	609	698	27	16,5
140 PR34 N/05	1371	670	701	55	17
140 PR34 N/06	1482	731	751	60	18
140 PR34 N/08	1664	853	811	65	19
140 PR34 N/09	1755	914	841	70	20
140 PR34 N/10	1938	1007	931	75	21
140 PR34 N/13	2181	1190	991	83	23
140 PR34 N/16	2444	1373	1071	92	26
140 PR34 N/19	2769	1588	1181	100	28
140 PR34 N/21	2961	1710	1251	108	30
140 PR34 N/26	3356	2015	1341	118	33

140 PR N 6"

CE Tolleranze secondo - **Tolleranze according to** - *Tolérances selon*
Tolerancias según norma EN UNI-ISO 9906 - **6" (150 mm)**

140 PR N

PANELLI®

PANELLI - CATALOGO 2013_Layout 1 08/03/14 10.08 Pagina 55

SUBWATER IS NOTHING WITHOUT POWER

STAINLESS STEEL

TÜV SÜD ISO 9001

PANELLI®

ELETTROPOMPE SOMMERSE - ELECTRIC SUBMERSIBLE PUMPS - ELECTROPOMPES IMMERGEES - ELECTROBOMBAS SUMERGIDAS

RX, RADIAL IMPELLER. 8”

180 RX 8" STAINLESS STEEL

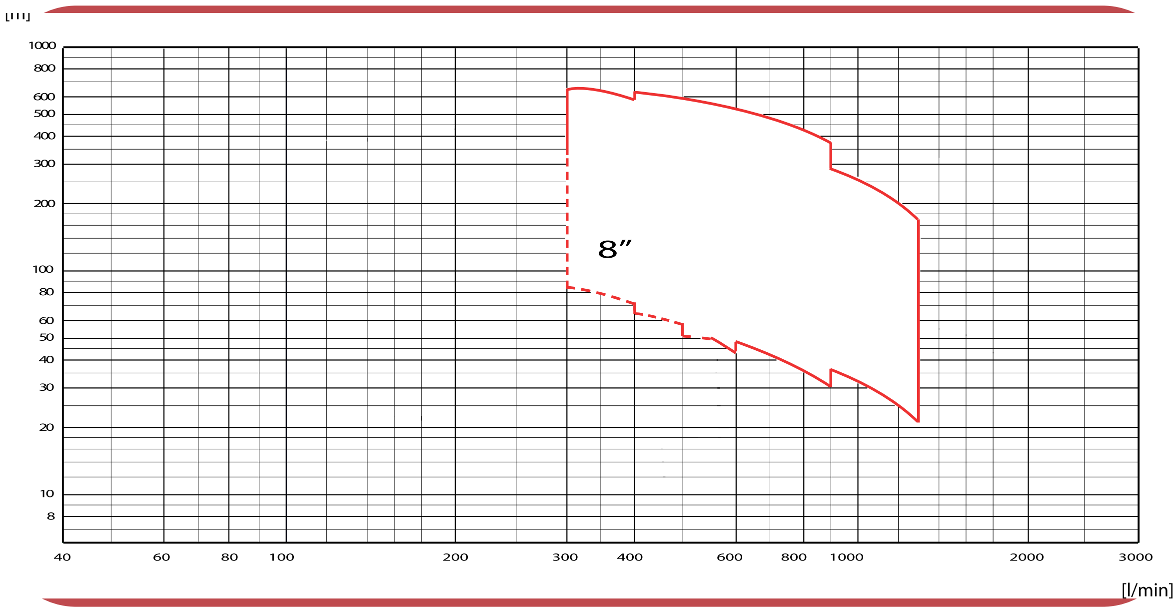
CE Tolleranze secondo - **Tollerance according to** - *Tolérances selon* Tolerancias según norma EN UNI-ISO 9906 - **8" (200 mm)**

ELETTROPOMPE SOMMERSE RADIALI ACCIAIO INOX 8" (SERIE 180 RX)

>Le pompe sommerse radiali sono caratterizzate da stadi (corpo, girante e diffusore) di limitato ingombro assiale. Proprio per questo motivo la soluzione radiale permette l'impiego di un elevato numero di stadi, con la conseguenza di ottenere, a parità di diametro, prevalenze molto spinte con piccole e medie portate. La produzione PANELLI prevede di serie pompe radiali 8" nella versione COMPLETAMENTE IN ACCIAIO INOX.
MATERIALI >Le pompe radiali 8'' serie 180 RX sono realizzate COMPLETAMENTE IN ACCIAIO INOX. >Gabbia di Aspirazione, Mandata e Valvole di ritegno incorporata in Aisi 304. >Girante in Aisi 304. >Tiranti in AISI 304 >Diffusore ad elemento in Aisi 304.
CAMPI DI PRESTAZIONE >Portate fino a 1.300 l/min (78 m³/h) >Prevalenze fino a 700 m >Potenze fino a 100 HP (75 kw).

RADIAL ELECTRIC SUBMERSIBLE PUMPS STAINLESS STEEL 8" (SERIE 180 RX)

>The radial pumps have a very limited axial dimension of every stage (impeller, diffusor, diffusor over). For this reason the radial solution allows to use a lot of stages and obtain, with the same well diameter, high head with small and medium capacity.
PANELLI production offer standard radial pumps 8" in the version COMPLETELY STAINLESS STEEL VERSION.
MATERIALS >The 8'' radial pumps serie 180 RX are produced COMPLETELY IN STAINLESS STEEL. >Suction cage, Delivery Bowl and Non return valve included in Aisi 304 >Impeller in Aisi 304. >Rods in AISI 304 >Diffusor and Intermediate casing in Aisi 304. >External rods in AISI 304.
OPERATING DATA >Capacity up to 1300 l/min (78 m³/h). >Manometric head up to 700 m. >Power up to 100 HP (75 kw).



180 RX 8" STAINLESS STEEL

ELECTROPOMPES IMMERGEES RADIALES ACIER INOX 8" (SERIE 180 RX)
>Les électropompes immergées radiales sont caractérisées par des stades (élément, roue et diffuseur) d'encombrement axial limité. Grace à cela, la solution radiale permet l'utilisation d'un numéro élevé de stades,qui donc consentent l'obtention avec le meme diamètre, des hauteurs poussées,avec des petits et moyens débits. La production PANELLI prévoit dans la gamme des pompes radiales 8" une version complétement en Acier Inox.
MATERIAUX >Les pompes radiales 8" de la gamme 180 RX sont réalisées complètement en ACIER INOX. >Aspiration, refoulement et clapet de retenue incorporé en Aisi 304.>Roue en Aisi 304. >Tirant en AISI 304 >Diffuseur et élément en Aisi 304.
CHAMPS DE PERFORMANCES >Dèbit jusqu'à 1300 l/min(78 m³/h). >Hautuer monomètrique jusqu' à 700 m >Puissances jusqu' à 100 HP (75 kw).

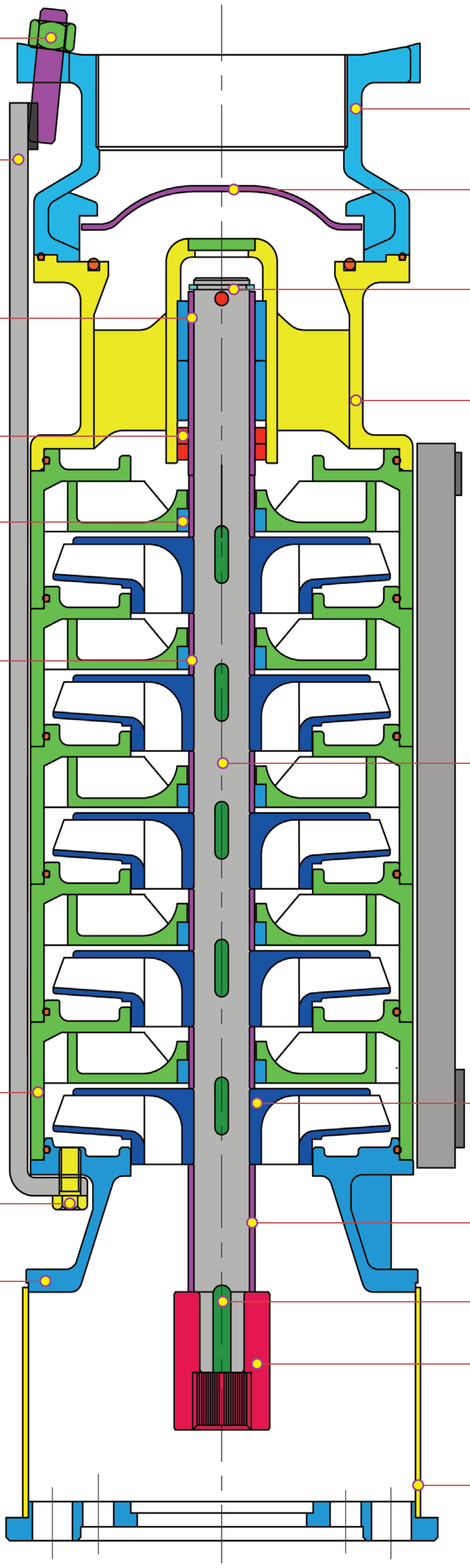
ELECTROBOMBAS SUMERGIDAS RADIALES ACERO INOX 8" (SERIE 180 RX)
>Las electrobombas sumergidas radiales son caracteristicas por ser el cuerpos (cuerpo, rodete y difusor) de limitado espacio axial. Propia por este motivo, la solución radial permite la utilización de un elevado nùmero de fases, que tiene por consecuencia la de obtener con el mismo diàmetro, alturas muy elevadas con pequeños y medianos caudales. La producion Panelli dispone de serie bombas radiales de 8" en la version fundición en acero INOX.
MATERIALES >Las bombas radiales 8" de la serie 180 RX están fabricadas COMPLETEMENTE EN FUNDICIÓN ACERO INOXIDABLE >Aspiración e Impulsión en fundición por microfusión AISI 304 >Válvula de retención en Aisi 304. >Rodete en fundición por microfusión Aisi 304 >Tirantes en Aisi 304 >Difusor y cuerpo intermedio en fundición por microfusión Aisi 304.
CAMPOS DE TRABAJO >Caudal hasta 1300 l/min(78 m³/h) >Altura manométrica hasta 700 m >Potencia hasta 100 HP (75 kw).

PANELLI - CATALOGO 2013_Layout 1 08/03/14 08.32 Pagina 58

180 RX 8" STAINLESS STEEL

CE Tolleranze secondo - **Tollerance according to** - *Tolérances selon*
Tolerancias según norma EN UNI-ISO 9906 - **8" (200 mm)**

STANDARD CONSTRUCTION



N.	DESCRIPTION	MATERIAL
12	Dado / *Nut* / Ecrou / *Tuerca*	AISI 304
18	Tiranti / *Tension rod* / Tirant / *Tirante*	AISI 304
17	Distanziatore intermedio / *Intermediate spacer* / Entretoise intermèdiare / *Distanciador intermedio*	AISI 304
16	Corteco	Gomma / *Rubber* / Caoutchouc / *Caucho*
15	Bronzina gomma / *Bearing bush* / Coussinet / *Cojinete*	Gomma / *Rubber* / Caoutchouc / *Caucho*
8	Distanziatore intermedio / *Intermediate spacer* / Entretoise intermèdiare / *Distanciador intermedio*	AISI 304
9	Diffusore / *Diffuseur* / Diffuseur / *Difusor*	AISI 304
14	Bullone TE M 8	AISI 304
1	Gabbia di aspirazione / *Suction cage* / Cage d'aspiration / *Cuerpo aspiración*	AISI 304
19	Corpo valvola / *Valve body* / Corps de valve / *Cuerpo vàlvula*	AISI 304
11	Farfalla / *Cap valve* / Plat / *Vàlvula retenciòn*	AISI 304
10	Seeger	AISI 304
13	Mandata / *Delivery bowl* / Refoulement / *Cuerpo descarga*	AISI 304
4	Albero pompa / *Pump shaft* / Abre pompe / *Eje bomba*	AISI 304
7	Girante / *Impeller* / Roue / *Rodete*	AISI 304
6	Distanziatore prima girante / *Spacer first impeller* / Entretoise première roue / *Distanciador primer rodete*	AISI 304
5	Chiavetta / *Key* - Clavette - *Chaveta*	AISI 304
3	Giunto di traino / *Joint* - Joint - *Acoplamiento*	AISI 304
2	Succheruola / *Suction strainer* / Crèpine / *Rejilla*	AISI 304

PANELLI - CATALOGO 2013_Layout 1 08/03/14 08.32 Pagina 59

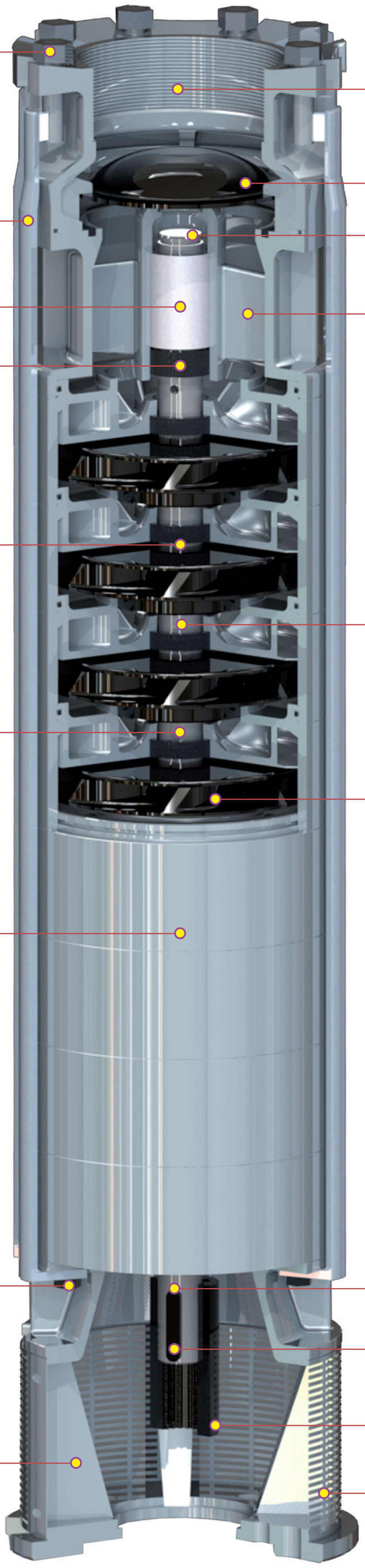
PANELLI®

180 RX 8" STAINLESS STEEL

CE Tolleranze secondo - **Tollerance according to** - *Tolérances selon*
Tolerancias según norma EN UNI-ISO 9906 - **8" (200 mm)**

RX

STANDARD CONSTRUCTION



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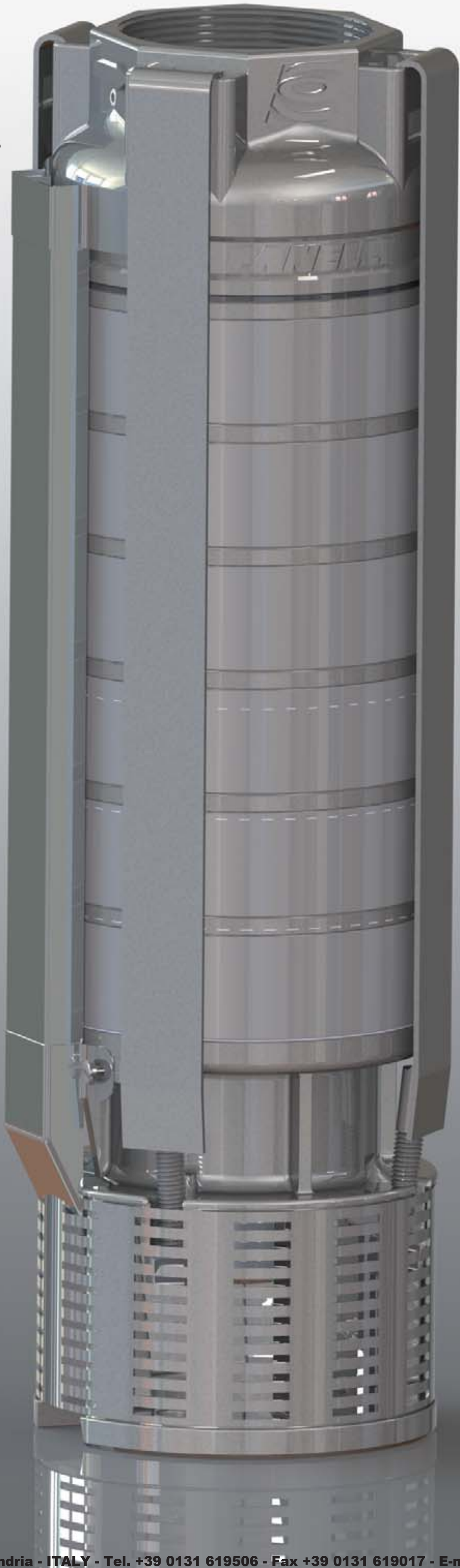
140 RX

6”(150 mm)

Elettropompe sommerse radiali
Radial electric submersible pumps
Electropompes immergèes radiales



ELETTROPOMPE SOMMERSE TIPO 6’’
SERIE 140 RX :
PORTATE FINO A 800 L/MIN
PREVALENZE FINO A 590 METRI
POTENZE FINO A 50 HP (37 Kw).

ELECTRIC SUBMERSIBLE PUMPS VERSION 6’’
SERIE 140 RX :
CAPACITY UP TO 800 L/MIN
MANOMETRIC HEAD UP TO 590 METERS
POWER UP TO 50 HP (37 Kw).

ELECTROPOMPES IMMERGEES 6’’
SERIES 140 RX :
CAPACITE’ JUSQU’ A‘ 800 L/MIN
HAUTEUR MANOMETRIQUE JUSQU’ A‘ 590 METERS
PUISSANCE JUSQU’ A’ 50 HP (37 Kw).

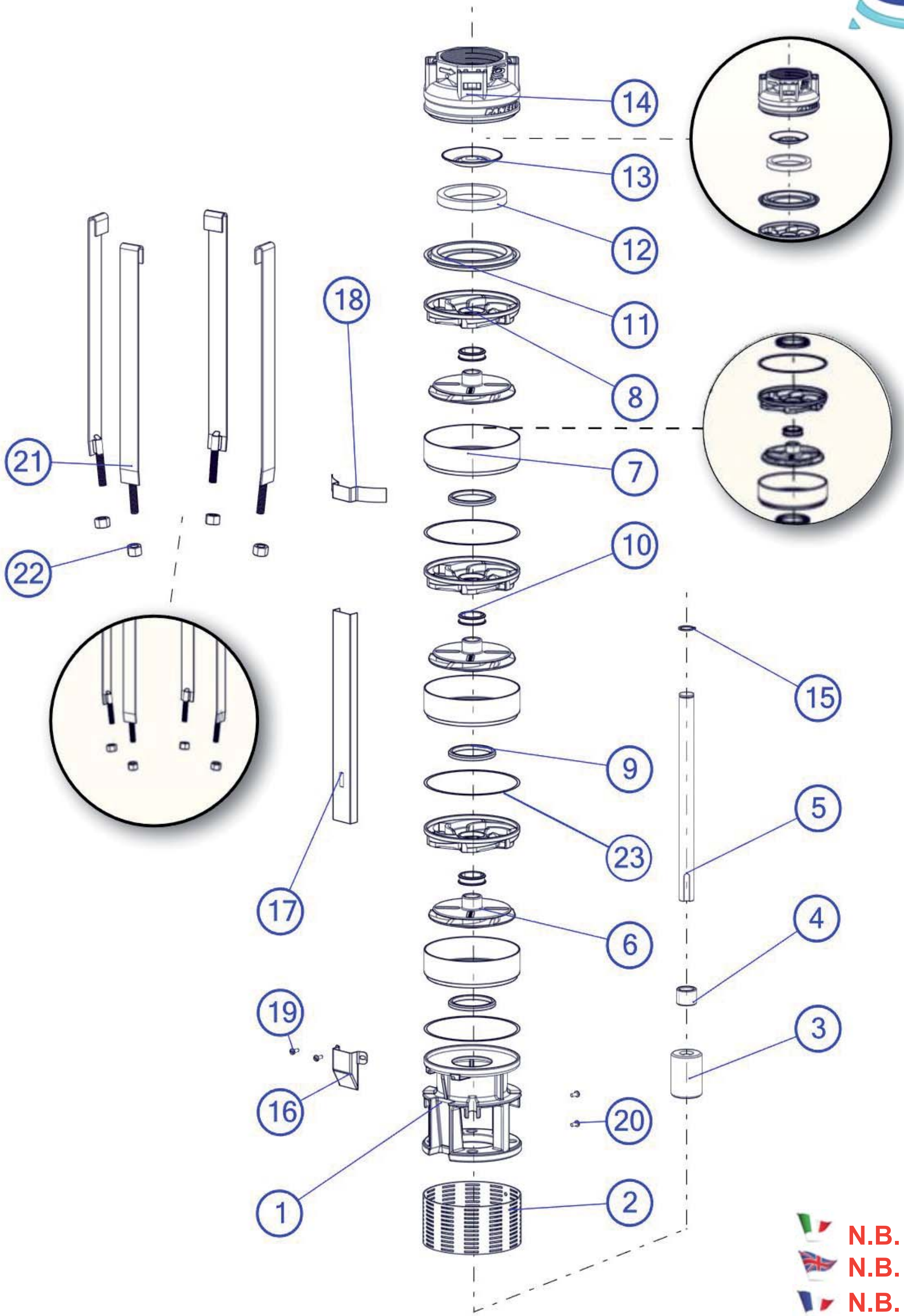
TYPE:

140 RX 18
140 RX 21
140 RX 24
140 RX 35

Via Rana n°63/65 - Z.I. D5 - 15122 Spinetta M.go - Alessandria - ITALY - Tel. +39 0131 619506 - Fax +39 0131 619017 - E-mail : info@panellipumps.it - Web: www.panellipumps.it

Date:05/2015

140 RX 18 / 21 / 24 / 35
6’’(150 mm)



Elettropompe sommerse radiali
Radial electric submersible pumps
Electropompes immergèes radiales

Costruzione pompe
Pump construction
Construction pompes

140 RX 18 / 21 / 24 / 35

N.CODE	DESCRIZIONE (ITALIANO)	DESCRIPTION (ENGLISH)	DESCRIPTION (FRANCAIS)	MATERIAL
1	GABBIA DI ASPIRAZIONE	SUCTION CAGE	CAGE D'ASPIRATION	AISI 304
2	SUCCHERUOLA	SUCTION STRAINER	CREPINE	AISI 304
3	GIUNTO DI TRAINO	JOINT	JOINT	AISI 304
4	DISTANZIATORE PRIMA GIRANTE	SPACER FIRST IMPELLER	ENTRETOISE PREMIERE ROUE	POLYCARBONATE
5	ALBERO POMPA	PUMP SHAFT	ARBRE POMPE	AISI 304
6	GIRANTE	IMPELLER	ROUE	AISI 304
7	ELEMENTO INTERMEDIO	INTERMEDIATE CASING	ELEMENT INTERMEDIARE	AISI 304
8	DIFFUSORE	DIFFUSEUR	DIFFUSEUR	AISI 304
9	ANELLO USURA	USURY RING	BAGUE DE USURE	RUBBER NBR
10	BRONZINA DIFFUSORE	BEARING BUSH DIFFUSER	BEARING BUSH DIFFUSEUR	RUBBER NBR
11	ANELLO GUARNIZIONE FARFALLA	RING GASKET VALVE	VALVE GASKET	AISI 304
12	GUARNIZIONE FARFALLA	GASLET VALVE	BAGUE VALVE GASKET	RUBBER NBR
13	FARFALLA	CAP VALVE	PLAT	AISI 304
14	MANDATA	DELIVERY BOWL	REFOULEMENT	AISI 304
15	SEEGER	SEEGER	SEEGER	AISI 304
16	STAFFETTA INFERIORE	LOWER FLANGE	BRIDE INFERIEURE	AISI 304
17	COPRICAVO	COVER CABLE	PROTECTION CABLE	AISI 304
18	STAFFETTA SUPERIORE	UPPER FLANGE	BRIDE SUPERIEURE	AISI 304
19	N.2 VITI M4 X 8 PER STAFFETTA INFERIORE	N.2 SCREW M4X8 FOR LOWER FLANGE	N.2 VIS M4X8 POUR BRIDE INFERIEURE	AISI 304
20	VITE M4X8	SCREW M4X8	VIS M4X8	AISI 304
21	TIRANTE	ROD	ROD	AISI 304
22	DADO	NUT	ECROU	AISI 304
23	ANELLO GUARNIZIONE DIFFUSORE	RING GASKET DIFFUSER	BAGUE SEAL DIFFUSEUR	FOMET

ELETTROPOMPE SOMMERSE 140 RX / : PORTATE FINO A 800 L/MIN , PREVALENZE FINO A 595 METRI , POTENZE FINO A 50 HP (37 Kw).

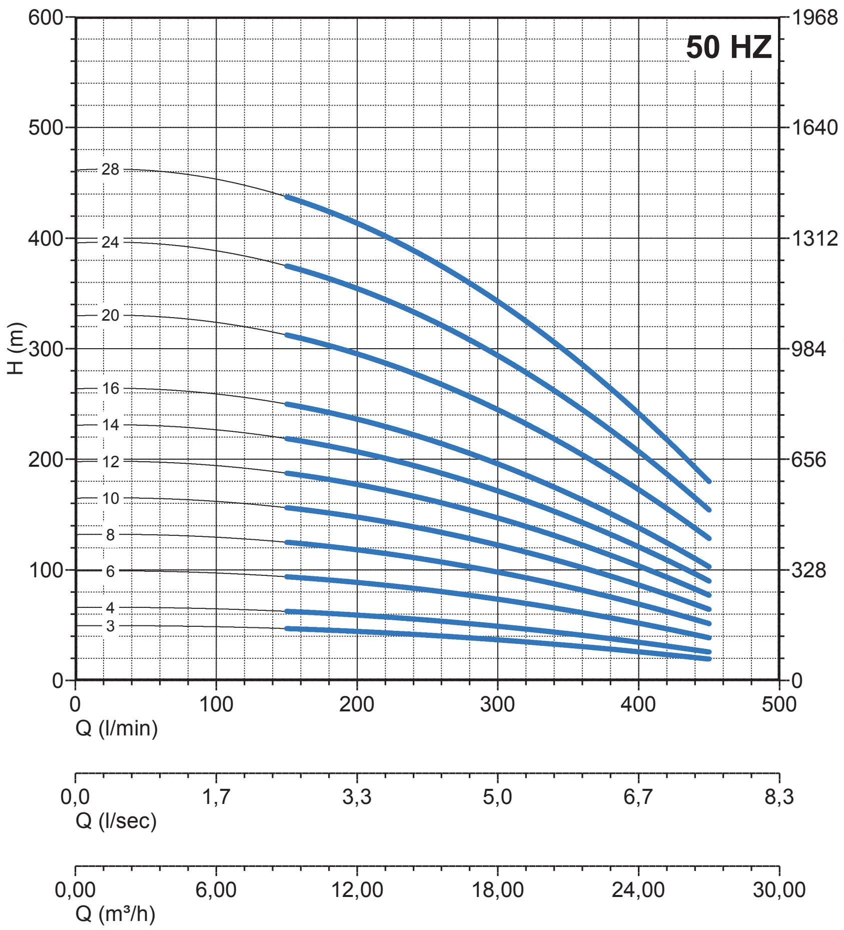
ELECTRIC SUBMERSIBLE PUMPS VERSION 140 RX / : CAPACITY UP TO 800 L/MIN , MANOMETRIC HEAD UP TO 595 METERS ,POWER UP TO 50 HP (37 Kw).

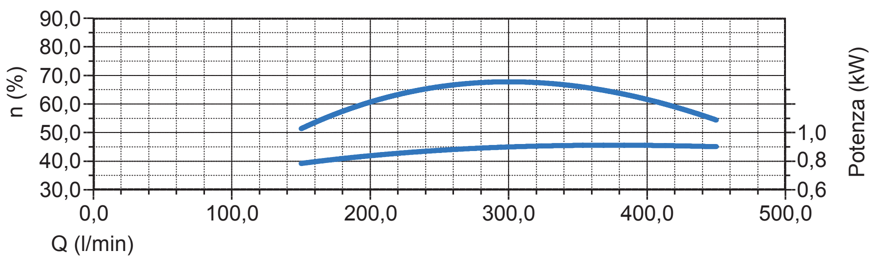
ELECTROPOMPES IMMERGEES SERIES 140 RX / : CAPACITE’ JUSQU’ A‘ 800 L/MIN , HAUTEUR MANOMETRIQUE JUSQU’ A‘ 595 METERS ,PUISSANCE JUSQU’ A’ 50 HP (37 Kw).

N.B. LA POMPA 140 RX 35 E’ DOTATA DI DISTANZIATORI INTERMEDI IN POLICARBONATO
N.B. LA POMPA 140 RX 35 HAVING SPACERS INTERMEDIATE POLYCARBONATE
N.B. LA POMPA 140 RX 35 ÉQUIPÉE AVEC ENTRETOISES INTERMÉDIAIRES POLYCARBONATE

140 RX 18

NUOVA CURVA DATA 09/06/2016



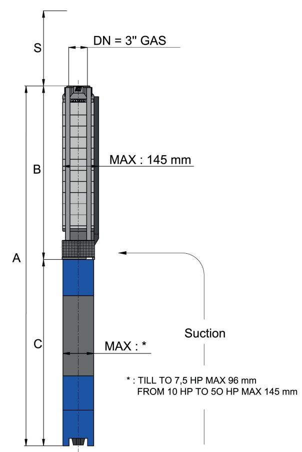


H = Prevalenza totale. **Da 20 a 434 m**
Q = Portata. **Da 150 a 450 l/min**
n% = Rendimento della pompa. **Max 68,0 %**
kw/st = Assorbim. per stadio. **Max 0,92**
Massimo contenuto di sabbia. **50 g/m³**
S = Battente minimo (m) **Max 1**

H = Total head. **From 20 to 434 m**
Q = Capacity. **From 150 to 450 l/min**
n% = Pump efficency. **Max 68,0 %**
kw/st = Stage absorption. **Max 0,92**
Maximum sand content **50 g/m³**
S = Minimum head (m) **Max 1**

H = hauter manométrique. **From 20 to 434 m**
Q = Débit. **From 150 to 450 l/min**
n% = Rendement de la pompe. **Max 68,0 %**
kw/st = Absorption par étage. **Max 0,92**
Contenu maximal de sable. **50 g/m³**
S = Niveau minimal (m). **Max 1**

H =Altura manométrica. **Da 20 a 434 m**
Q = Caudal. **De 150 a 450 l/min**
n% = Rendimiento de la bomba. **Max 68,0 %**
kw/st = Potencia absorbida por etapa. **Max 0,92**
Condenito màximo de arena. **50 g/m³**
S = Nivel minimo (m) **Max 1**



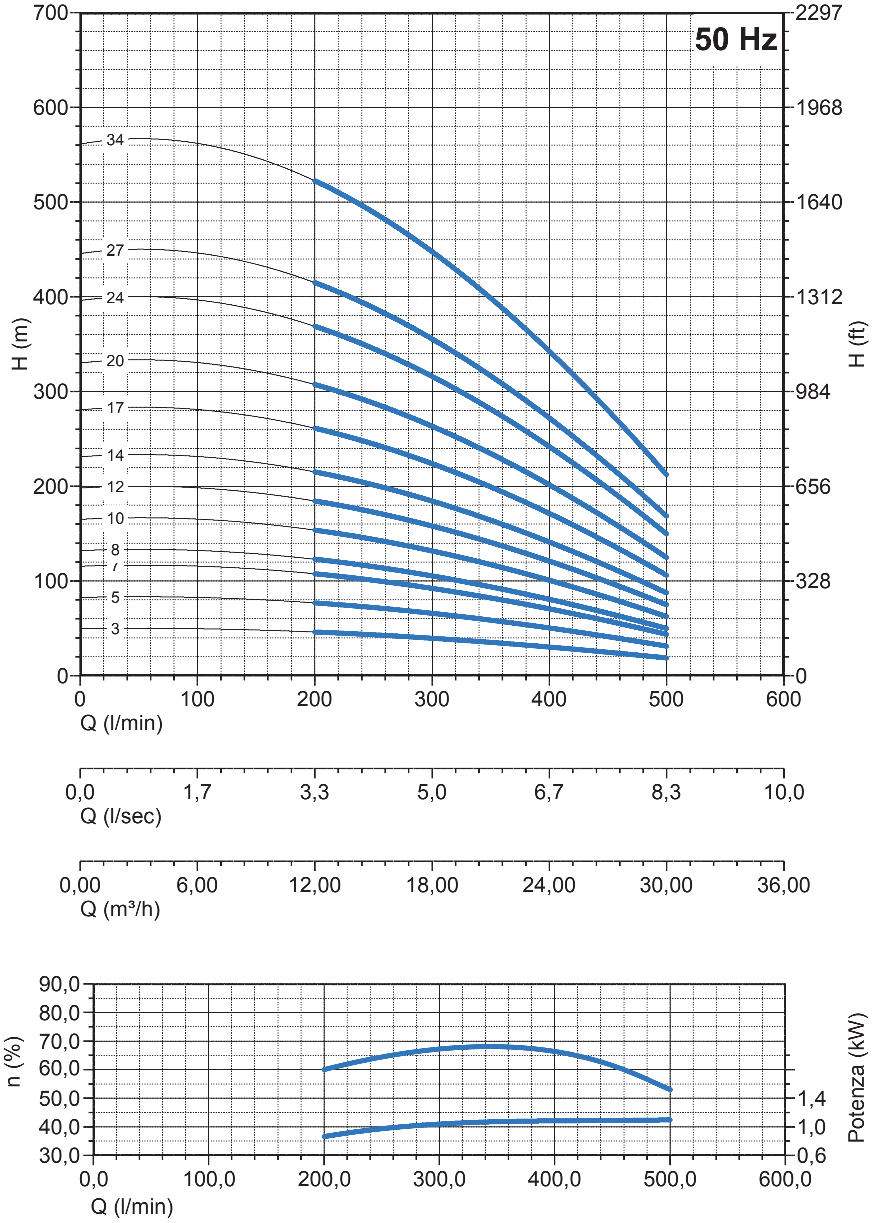
Tipo - Type	Motore - Motor - Moteur Caratteristiche a 2900 rpm				Q=Portata - Capacity - Debit								
	Power		V 400	l/min	0	150	200	250	300	350	400	450
				l/sec	0,00	2,50	3,33	4,17	5,00	5,83	6,67	7,50
	kW	HP	A	m³/h	0,0	9,0	12,0	15,0	18,0	21,0	24,0	27,0
140 RX 18/03	3,00	4	6,7	H[m]	50	47	44	41	37	32	26	20
140 RX 18/04	4,00	5,5	10		66	62	59	55	49	42	34	26
140 RX 18/06	5,50	7,5	12,5		99	93	89	83	74	63	51	39
140 RX 18/08	7,50	10	17,5		132	124	118	110	98	84	68	52
140 RX 18/10	9,20	12,5	21		165	155	148	138	123	105	85	65
140 RX 18/12	11,00	15	24,5		198	186	178	165	148	126	102	78
140 RX 18/14	13,00	17,5	28		231	217	207	193	172	147	119	91
140 RX 18/16	15,00	20	32		264	248	237	220	197	168	136	104
140 RX 18/20	18,50	25	40		330	310	296	275	246	210	170	130
140 RX 18/24	22,00	30	47,5		396	372	355	330	295	252	204	156
140 RX 18/28	26,00	35	55		462	434	414	385	344	294	238	182

Dimensioni di ingombro e pesi
Overall dimensions and weights

Tipo - Type	A mm Tri	B mm	C mm Tri	M kg Tri	P kg
140 RX 18/03	919	362	557	19	15
140 RX 18/04	998	401	597	22	16
140 RX 18/06	1177	479	698	27	18
140 RX 18/08	1375	557	818	32	21
140 RX 18/10	1386	635	751	60	23
140 RX 18/12	1524	713	811	65	25
140 RX 18/14	1632	791	841	70	27
140 RX 18/16	1800	869	931	75	29
140 RX 18/20	2016	1025	991	83	33
140 RX 18/24	2252	1181	1071	92	36
140 RX 18/28	2518	1337	1181	100	41

140 RX 21

NUOVA CURVA DATA 10/06/2016

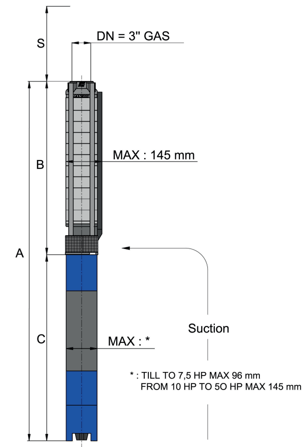


H = Prevalenza totale. **Da 19 a 524 m**
Q = Portata. **Da 200 a 500 l/min**
n% = Rendimento della pompa. **Max 68,5 %**
kw/st = Assorbim. per stadio. **Max 1,06**
Massimo contenuto di sabbia. **50 g/m³**
S = Battente minimo (m) **Max 1**

H = Total head. **From 19 to 524 m**
Q = Capacity. **From 200 to 500 l/min**
n% = Pump efficency. **Max 68,5 %**
kw/st = Stage absorption. **Max 1,06**
Maximum sand content **50 g/m³**
S = Minimum head (m) **Max 1**

H = hauter manométrique. **From 19 to 524 m**
Q = Débit. **From 200 to 500 l/min**
n% = Rendement de la pompe. **Max 68,5 %**
kw/st = Absorption par étage. **Max 1,06**
Contenu maximal de sable. **50 g/m³**
S = Niveau minimal (m). **Max 1**

H =Altura manométrica. **Da 19 a 524 m**
Q = Caudal. **De 200 a 500 l/min**
n% = Rendimiento de la bomba. **Max 68,5 %**
kw/st = Potencia absorbida por etapa. **Max 1,06**
Condenito màximo de arena. **50 g/m³**
S = Nivel minimo (m) **Max 1**



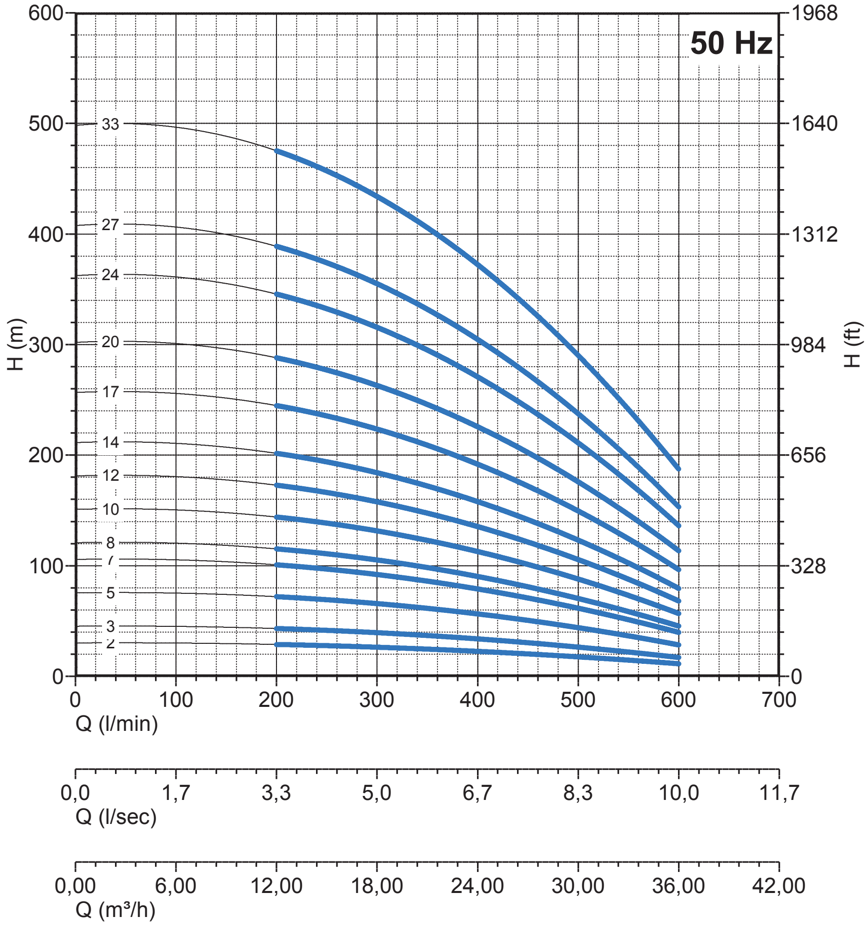
Motore - Motor - Moteur Caratteristiche a 2900 rpm				Q=Portata - Capacity - Debit								
Tipo - Type	Power		V 400	l/min	0	200	250	300	350	400	450	500
				l/sec	0,00	3,33	4,17	5,00	5,83	6,67	7,50	8,33
	kW	HP	A	m³/h	0,0	12,0	15,0	18,0	21,0	24,0	27,0	30,0
140 RX 21/03	4,00	5,5	10	H[m]	50	46	43	39	35	30	25	19
140 RX 21/05	5,50	7,5	12,5		83	77	72	66	59	51	42	31
140 RX 21/07	7,50	10	17,5		116	108	101	92	82	71	58	43
140 RX 21/08	9,20	12,5	21		132	123	115	105	94	81	66	50
140 RX 21/10	11,00	15	24,5		165	154	144	131	117	101	83	62
140 RX 21/12	13,00	17,5	28		198	185	173	157	140	121	100	74
140 RX 21/14	15,00	20	32		231	216	202	183	164	141	116	87
140 RX 21/17	18,50	25	40		281	262	245	223	199	172	141	105
140 RX 21/20	22,00	30	47,5		330	308	288	262	234	202	166	124
140 RX 21/24	26,00	35	55		396	370	346	314	281	242	199	149
140 RX 21/27	30,00	40	62,5		446	416	389	354	316	273	224	167
140 RX 21/34	37,00	50	78		561	524	490	445	398	343	282	211

Dimensioni di ingombro e pesi
Overall dimensions and weights

Tipo - Type	A mm Tri	B mm	C mm Tri	M kg Tri	P kg
140 RX 21/03	959	362	597	22	15
140 RX 21/05	1138	440	698	27	17
140 RX 21/07	1336	518	818	32	19
140 RX 21/08	1308	557	751	60	20
140 RX 21/10	1446	635	811	65	22
140 RX 21/12	1554	713	841	70	24
140 RX 21/14	1722	791	931	75	26
140 RX 21/17	1899	908	991	83	29
140 RX 21/20	2096	1025	1071	92	32
140 RX 21/24	2362	1181	1181	100	36
140 RX 21/27	2549	1298	1251	108	40
140 RX 21/34	2912	1571	1341	118	44

140 RX 24

NUOVA CURVA DATA 05/08/2016

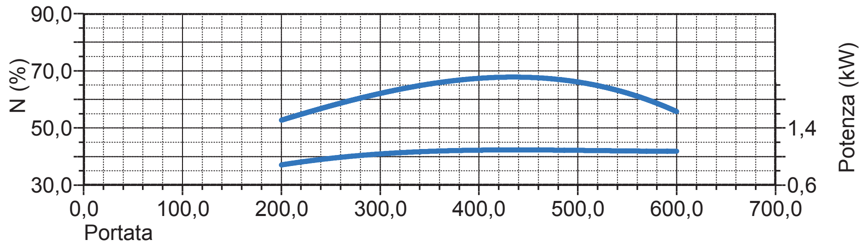


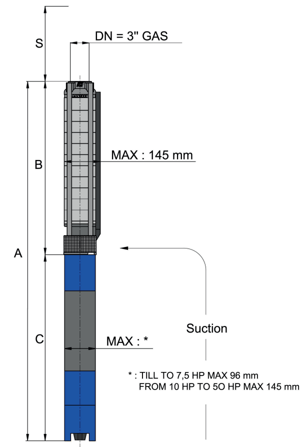
H = Prevalenza totale. **Da 11 a 475 m**
Q = Portata. **Da 200 a 600 l/min**
n% = Rendimento della pompa. **Max 69,0 %**
kw/st = Assorbim. per stadio. **Max 1,10**
Massimo contenuto di sabbia. **50 g/m³**
S = Battente minimo (m) **Max 1**

H = Total head. **From 11 to 475 m**
Q = Capacity. **From 200 to 600 l/min**
n% = Pump efficency. **Max 69,0 %**
kw/st = Stage absorption. **Max 1,10**
Maximum sand content **50 g/m³**
S = Minimum head (m) **Max 1**

H = hauter manométrique. **From 11 to 475 m**
Q = Débit. **From 200 to 600 l/min**
n% = Rendement de la pompe. **Max 69,0 %**
kw/st = Absorption par étage. **Max 1,10**
Contenu maximal de sable. **50 g/m³**
S = Niveau minimal (m). **Max 1**

H =Altura manométrica. **Da 11 a 475 m**
Q = Caudal. **De 200 a 600 l/min**
n% = Rendimiento de la bomba. **Max 69,0 %**
kw/st = Potencia absorbida por etapa. **Max 1,10**
Condenito màximo de arena. **50 g/m³**
S = Nivel minimo (m) **Max 1**



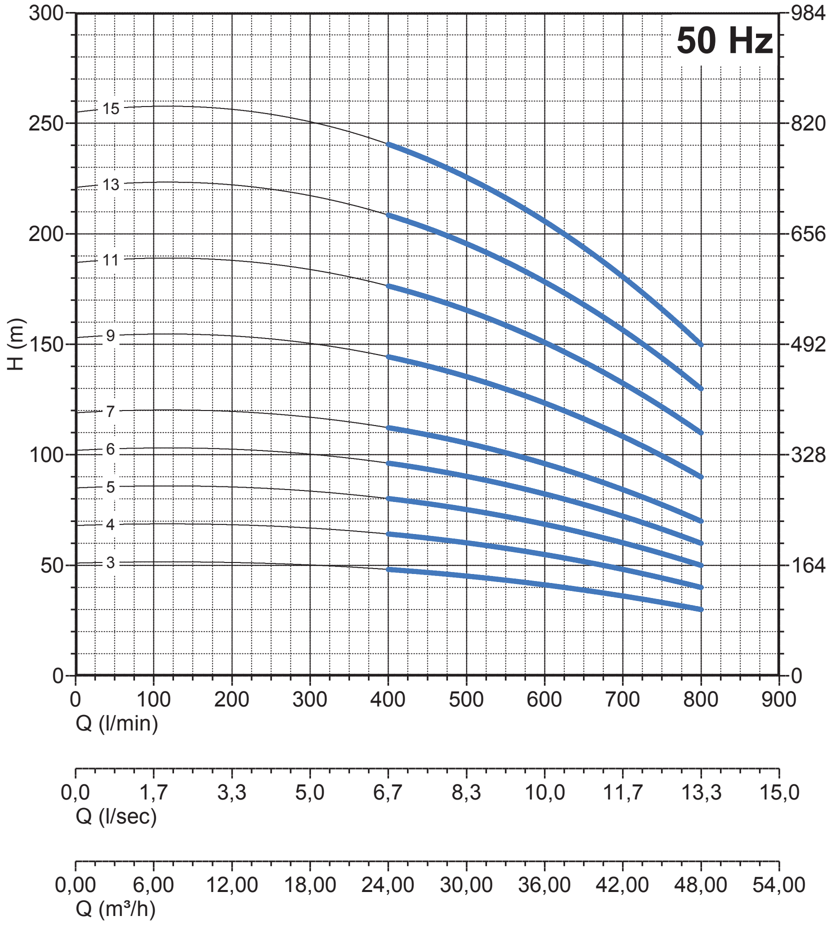


	Motore - Motor - Moteur Caratteristiche a 2900 rpm			Q=Portata - Capacity - Debit						
Tipo - Type	Power		V 400	l/min	0	200	300	400	500	600
				l/sec	0,00	3,33	5,00	6,67	8,33	10,00
	kW	HP	A	m³/h	0,0	12,0	18,0	24,0	30,0	36,0
140R X 24/02	2,20	3	5,5		30	29	26	23	17	11
140R X 24/03	4,00	5,5	10		45	43	39	34	26	17
140R X 24/05	5,50	7,5	12,5		76	72	66	57	44	29
140R X 24/07	7,50	10	17,5		106	101	92	80	61	40
140R X 24/08	9,20	12,5	21		121	115	105	91	70	46
140R X 24/10	11,00	15	24,5		151	144	131	114	87	57
140R X 24/12	13,00	17,5	28	H[m]	181	173	157	137	104	68
140R X 24/14	15,00	20	32		211	202	183	160	122	80
140R X 24/17	18,50	25	40		257	245	223	194	148	97
140R X 24/20	22,00	30	47		302	288	262	228	174	114
140R X 24/24	26,00	35	55		362	346	314	274	209	137
140R X 24/27	30,00	40	62,5		408	389	354	308	235	154
140R X 24/33	37,00	50	78		498	475	432	376	287	188

Dimensioni di ingombro e pesi Overall dimensions and weights					
Tipo - Type	A mm Tri	B mm	C mm Tri	M kg Tri	P kg
140R X 24/02	785	333	452	15	10
140R X 24/03	974	377	597	22	11
140R X 24/05	1163	465	698	27	13
140R X 24/07	1371	553	818	32	15
140R X 24/08	1348	597	751	60	16
140R X 24/10	1496	685	811	65	18
140R X 24/12	1614	773	841	70	20
140R X 24/14	1792	861	931	75	22
140R X 24/17	1984	993	991	83	25
140R X 24/20	2196	1125	1071	92	28
140R X 24/24	2482	1301	1181	100	32
140R X 24/27	2684	1433	1251	108	36
140R X 24/33	3038	1697	1341	118	41

140 RX 35

Tolleranze secondo - Tollerance according to - Tolérance sulvant - Tolerancias segùn norma - EN UNI-ISO 9906 - 6"(150 mm)

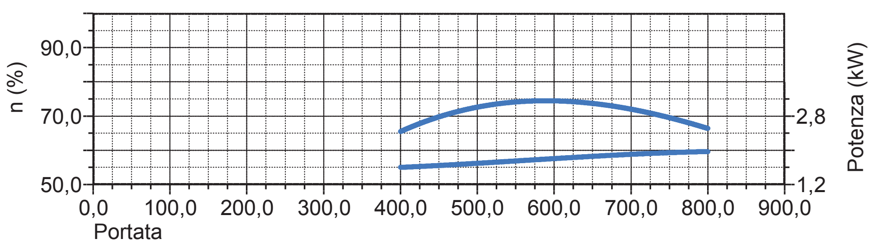


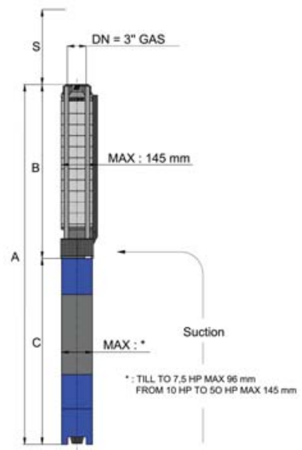
H = Prevalenza totale. **Da 30 a 240 m**
Q = Portata. **Da 400 a 800 l/min**
n% = Rendimento della pompa. **Max 74,6 %**
kw/st = Assorbim. per stadio. **Max 1,97**
Massimo contenuto di sabbia. **50 g/m³**
S = Battente minimo (m) **Max 1**

H = Total head. **From 30 to 240 m**
Q = Capacity. **From 400 to 800 l/min**
n% = Pump efficency. **Max 74,6 %**
kw/st = Stage absorption. **Max 1,97**
Maximum sand content **50 g/m³**
S = Minimum head (m) **Max 1**

H = hauter manometrique. **From 30 to 240 m**
Q = Débit. **From 400 to 800 l/min**
n% = Rendement de la pompe. **Max 74,6 %**
kw/st = Absorption par étage. **Max 1,97**
Contenu maximal de sable. **50 g/m³**
S = Niveau minimal (m). **Max 1**

H =Altura manométrica. **Da 30 a 240 m**
Q = Caudal. **De 400 a 800 l/min**
n% = Rendimiento de la bomba. **Max 74,6 %**
kw/st = Potencia absorbida por etapa. **Max 1,97**
Condenito màximo de arena. **50 g/m³**
S = Nivel minimo (m) **Max 1**





Tipo - Type	Motore - Motor - Moteur Caratteristiche a 2900 rpm				Q=Portata - Capacity - Debit					
	Power		V 400	l/min	0	400	500	600	700	800
				l/sec	0,00	6,67	8,33	10,00	11,67	13,33
	kW	HP	A	m³/h	0,0	24,0	30,0	36,0	42,0	48,0
140 RX 35/03	7,50	10	17,5	H[m]	51	48	45	41	36	30
140 RX 35/04	9,20	12,5	21		68	64	60	55	48	40
140 RX 35/05	11,00	15	24,5		85	80	76	69	60	50
140 RX 35/06	13,00	17,5	28		102	96	91	82	72	60
140 RX 35/07	15,00	20	32		119	112	106	96	84	70
140 RX 35/09	18,50	25	40		153	144	136	123	108	90
140 RX 35/11	22,00	30	47,5		187	176	166	151	132	110
140 RX 35/13	26,00	35	55		221	208	196	178	156	130
140 RX 35/15	30,00	40	62,5		255	240	227	206	180	150

Dimensioni di ingombro e pesi
Overall dimensions and weights

Tipo - Type	A mm Tri	B mm	C mm Tri	M kg Tri	P kg
140 RX 35/03	1106	405	701	55	10
140 RX 35/04	1215	464	751	60	12
140 RX 35/05	1334	523	811	65	14
140 RX 35/06	1423	582	841	70	16
140 RX 35/07	1572	641	931	75	18
140 RX 35/09	1750	759	991	83	20
140 RX 35/11	1948	877	1071	92	22
140 RX 35/13	2176	995	1181	100	24
140 RX35 N/15	2364	1113	1251	108	26

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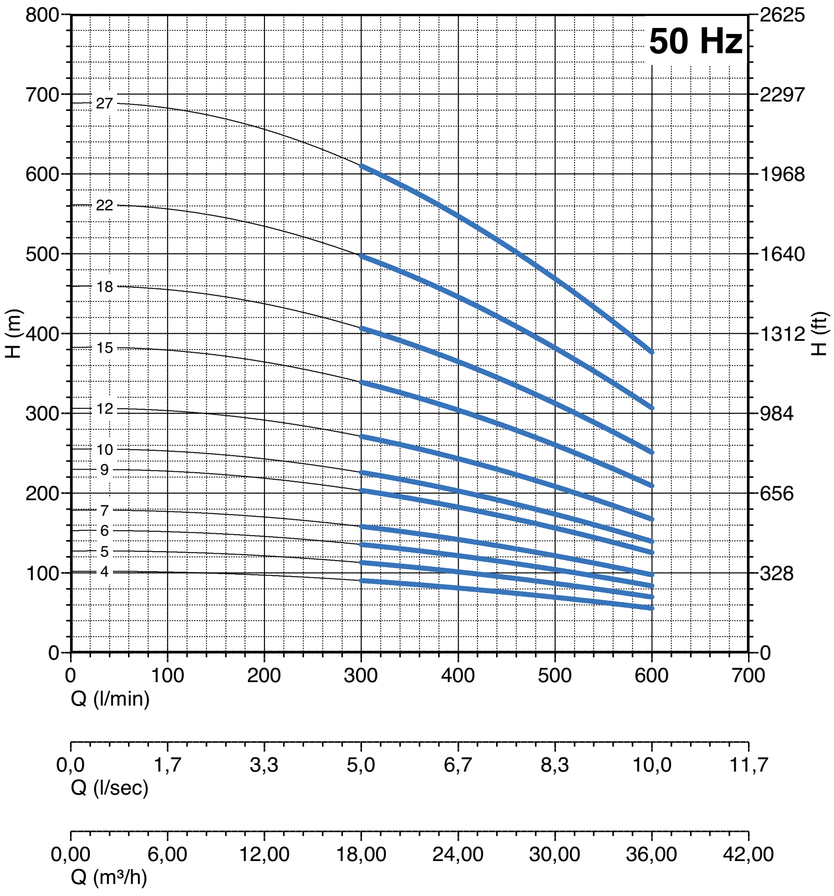
PANELLI®

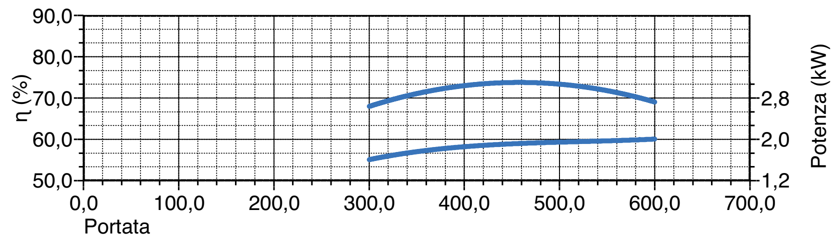
180 RX 27 8"

STAINLESS STEEL

CE Tolleranze secondo - **Tollerance according to** - *Tolérances selon*
Tolerancias según norma EN UNI-ISO 9906 - **8" (200 mm)**

RX



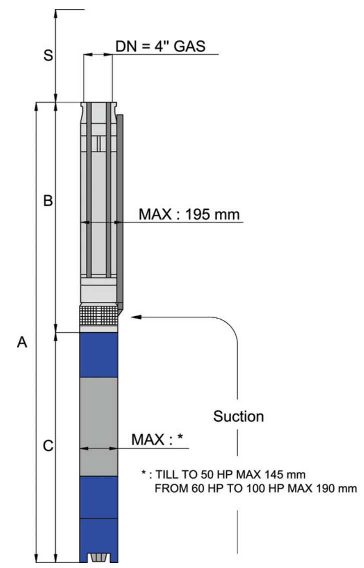


H = Prevalenza totale. **Da 56 a 614 m**
Q = Portata. **Da 300 a 600 l/min**
η% = Rendimento della pompa. **Max 74,0 %**
kw/st = Assorbim. per stadio. **Max 2,00**
Massimo contenuto di sabbia. **50 g/m³**
S = Battente minimo (m) **Max 1**

H = Total head. **From 56 to 614 m**
Q = Capacity. **From 300 to 600 l/min**
η% = Pump efficency. **Max 74,0 %**
kw/st = Stage absorption. **Max 2,00**
Maximum sand content **50 g/m³**
S = Minimum head (m) **Max 1**

H = hauter manométrique. **From 56 to 614 m**
Q = Débit. **From 300 to 600 l/min**
η% = Rendement de la pompe. **Max 74,0 %**
kw/st = Absorption par étage. **Max 2,00**
Contenu maximal de sable. **50 g/m³**
S = Niveau minimal (m). **Max 1**

H =Altura manométrica. **Da 56 a 614 m**
Q = Caudal. **De 300 a 600 l/min**
η% = Rendimiento de la bomba. **Max 74,0 %**
kw/st = Potencia absorbida por etapa. **Max 2,00**
Condenito màximo de arena. **50 g/m³**
S = Nivel minimo (m) **Max 1**



Motore - Motor - Moteur Caratteristiche a 2900 rpm				Q=Portata - Capacity - Debit								
Tipo - Type	Power		V 400	l/min	0	300	350	400	450	500	550	600
				l/sec	0,00	5,00	5,83	6,67	7,50	8,33	9,17	10,00
	kW	HP	A	m³/h	0,0	18,0	21,0	24,0	27,0	30,0	33,0	36,0
180 RX27/04	9,20	12,5	21	H[m]	102	91	85	81	76	70	62	56
180 RX27/05	11,00	15	24,5		128	114	106	101	95	88	78	70
180 RX27/06	13,00	17,5	28		153	137	128	122	114	105	93	84
180 RX27/07	15,00	20	32		179	159	149	142	133	123	109	98
180 RX27/09	18,50	25	40		230	205	191	182	171	158	140	126
180 RX27/10	22,00	30	47,5		255	228	213	203	190	175	155	140
180 RX27/12	26,00	35	55		306	273	255	243	228	210	186	168
180 RX27/15	30,00	40	62,5		383	341	319	304	285	263	233	210
180 RX27/18	37,00	50	78		459	410	383	365	342	315	279	252
180 RX27/22	44,00	60	92		561	501	468	446	418	385	341	308
180 RX27/27	55,00	75	113,5		689	614	574	547	513	473	419	378

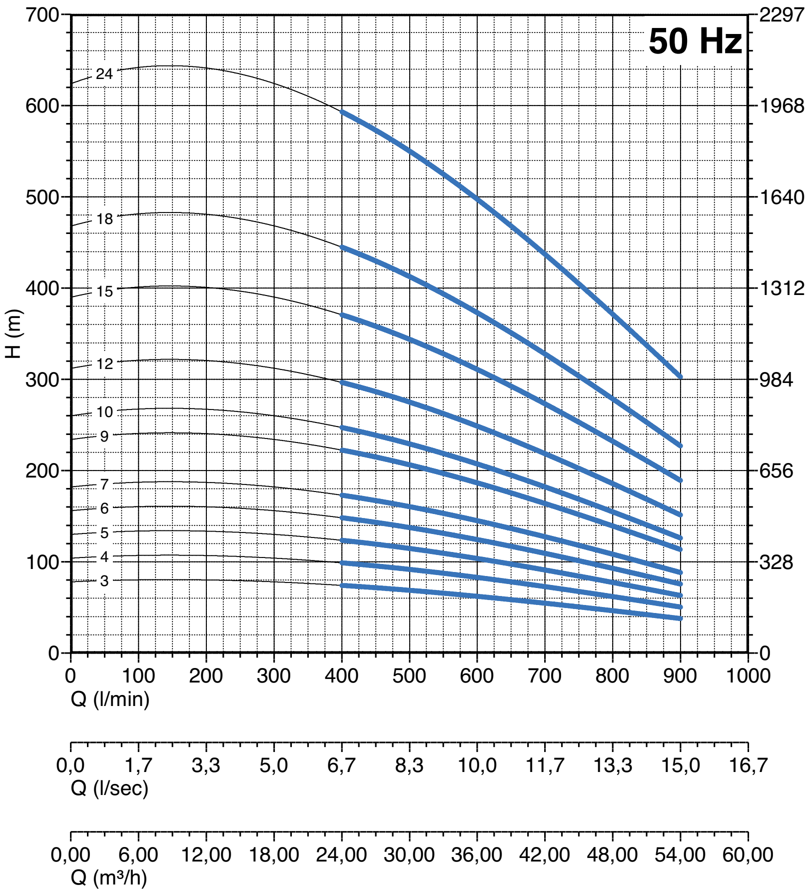
Dimensioni di ingombro e pesi
Overall dimensions and weights

Tipo - Type	A mm Tri	B mm	C mm Tri	M kg Tri	P kg
180 RX27/04	1307	556	751	60	54
180 RX27/05	1417	606	811	65	60
180 RX27/06	1497	656	841	70	66
180 RX27/07	1637	706	931	75	72
180 RX27/09	1797	806	991	83	84
180 RX27/10	1927	856	1071	92	96
180 RX27/12	2137	956	1181	100	108
180 RX27/15	2357	1106	1251	108	120
180 RX27/18	2597	1256	1341	118	144
180 RX27/22	2766	1456	1310	200	168
180 RX27/27	3166	1706	1460	216	190

180 RX 36 8" STAINLESS STEEL

CE Tolleranze secondo - **Tollerance according to** - *Tolérances selon*
Tolerancias según norma EN UNI-ISO 9906 - **8" (200 mm)**

RX

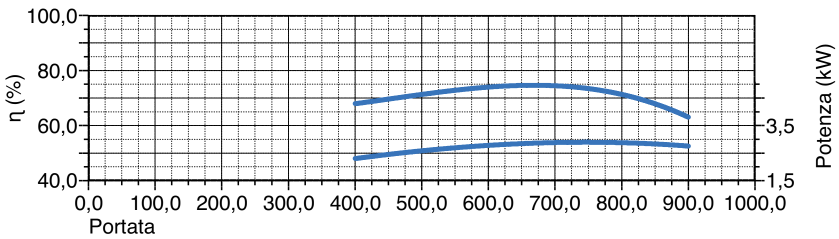


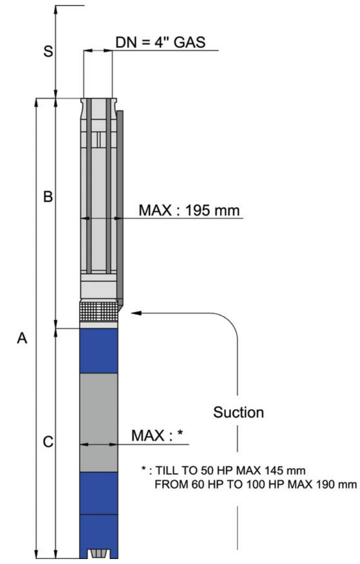
H = Prevalenza totale. **Da 38 a 592 m**
Q = Portata. **Da 400 a 900 l/min**
η% = Rendimento della pompa. **Max 75,0 %**
kw/st = Assorbim. per stadio. **Max 2,90**
Massimo contenuto di sabbia. **50 g/m³**
S = Battente minimo (m) **Max 1**

H = Total head. **From 38 to 592 m**
Q = Capacity. **From 400 to 900 l/min**
η% = Pump efficency. **Max 75,0 %**
kw/st = Stage absorption. **Max 2,90**
Maximum sand content **50 g/m³**
S = Minimum head (m) **Max 1**

H = hauter manométrique. **From 38 to 592 m**
Q = Débit. **From 400 to 900 l/min**
η% = Rendement de la pompe. **Max 75,0 %**
kw/st = Absorption par étage. **Max 2,90**
Contenu maximal de sable. **50 g/m³**
S = Niveau minimal (m). **Max 1**

H =Altura manométrica. **Da 38 a 592 m**
Q = Caudal. **De 400 a 900 l/min**
η% = Rendimiento de la bomba. **Max 75,0 %**
kw/st = Potencia absorbida por etapa. **Max 2,90**
Condenito màximo de arena. **50 g/m³**
S = Nivel minimo (m) **Max 1**





Tipo - Type	Motore - Motor - Moteur Caratteristiche a 2900 rpm Power kW	HP	V 400 A	l/min / l/sec / m³/h	Q=Portata - Capacity - Debit 0 / 0,00 / 0,0	400 / 6,67 / 24,0	500 / 8,33 / 30,0	600 / 10,00 / 36,0	700 / 11,67 / 42,0	800 / 13,33 / 48,0	900 / 15,00 / 54,0
180 RX36/03	9,20	12,5	21	H[m]	78	74	69	62	55	46	38
180 RX36/04	13,00	17,5	28		104	99	92	83	73	61	51
180 RX36/05	15,00	20	32		130	123	115	103	92	77	63
180 RX36/06	18,50	25	40		156	148	138	124	110	92	76
180 RX36/07	22,00	30	47,5		182	173	161	145	128	107	89
180 RX36/09	26,00	35	55		234	222	207	186	165	138	114
180 RX36/10	30,00	40	62,5		260	247	230	207	183	153	127
180 RX36/12	37,00	50	78		312	296	276	248	220	184	152
180 RX36/15	44,00	60	92		390	370	345	310	275	230	190
180 RX36/18	55,00	75	113,5		468	444	414	372	330	276	228
180 RX36/24	75,00	100	149,5		624	592	552	496	440	368	304

Dimensioni di ingombro e pesi
Overall dimensions and weights

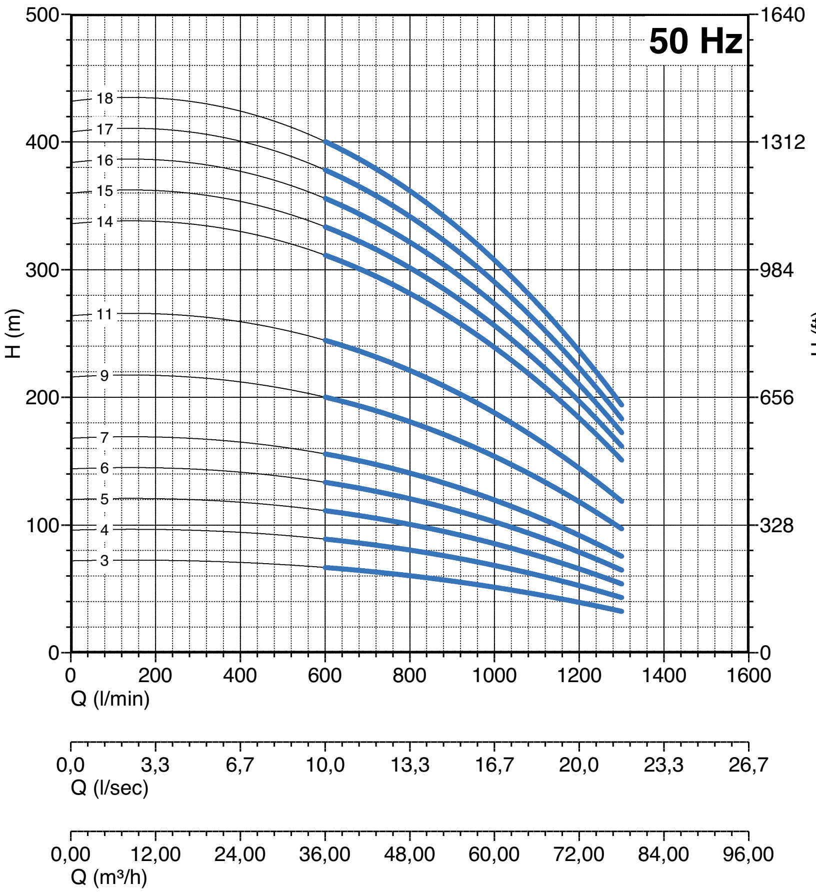
Tipo - Type	A mm Tri	B mm	C mm Tri	M kg Tri	P kg
180 RX36/03	1257	506	751	60	42
180 RX36/04	1397	556	841	70	48
180 RX36/05	1537	606	931	75	54
180 RX36/06	1647	656	991	83	60
180 RX36/07	1777	706	1071	92	66
180 RX36/09	1987	806	1181	100	78
180 RX36/10	2107	856	1251	108	84
180 RX36/12	2297	956	1341	118	96
180 RX36/15	2416	1106	1310	200	114
180 RX36/18	2716	1256	1460	216	132
180 RX36/24	3266	1556	1710	286	168

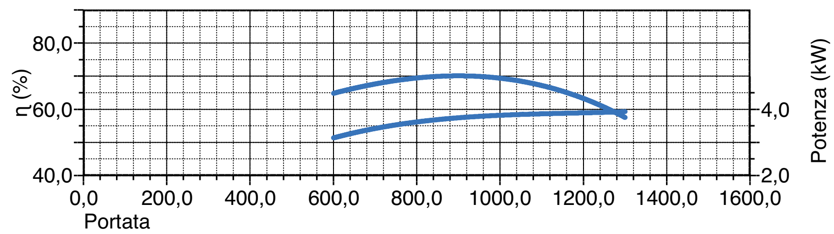
PANELLI®

RX

180 RX 50 8" STAINLESS STEEL

CE Tolleranze secondo - **Tollerance according to** - *Tolérances selon*
Tolerancias según norma EN UNI-ISO 9906 - **8" (200 mm)**



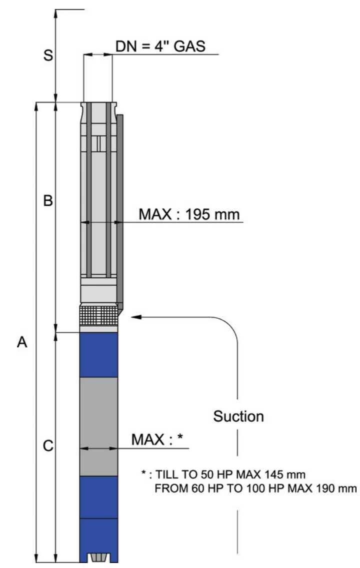


H = Prevalenza totale. **Da 32 a 396 m**
Q = Portata. **Da 600 a 1300 l/min**
η% = Rendimento della pompa. **Max 70,5 %**
kw/st = Assorbim. per stadio. **Max 3,95**
Massimo contenuto di sabbia. **50 g/m³**
S = Battente minimo (m) **Max 1**

H = Total head. **From 32 to 396 m**
Q = Capacity. **From 600 to 1300 l/min**
η% = Pump efficency. **Max 70,5 %**
kw/st = Stage absorption. **Max 3,95**
Maximum sand content **50 g/m³**
S = Minimum head (m) **Max 1**

H = hauter manométrique. **From 32 to 396 m**
Q = Débit. **From 600 to 1300 l/min**
η% = Rendement de la pompe. **Max 70,5 %**
kw/st = Absorption par étage. **Max 3,95**
Contenu maximal de sable. **50 g/m³**
S = Niveau minimal (m). **Max 1**

H =Altura manométrica. **Da 32 a 396 m**
Q = Caudal. **De 600 a 1300 l/min**
η% = Rendimiento de la bomba. **Max 70,5 %**
kw/st = Potencia absorbida por etapa. **Max 3,95**
Condenito màximo de arena. **50 g/m³**
S = Nivel minimo (m) **Max 1**



Motore - Motor - Moteur Caratteristiche a 2900 rpm				Q=Portata - Capacity - Debit									
Tipo - Type	Power		V 400	l/min	0	600	700	800	900	1000	1100	1200	1300
				l/sec	0,00	10,00	11,67	13,33	15,00	16,67	18,33	20,00	21,67
	kW	HP	A	m³/h	0,0	36,0	42,0	48,0	54,0	60,0	66,0	72,0	78,0
180 RX50/03	13,00	17,5	28	H[m]	72	66	65	60	56	51	46	39	32
180 RX50/04	18,50	25	40		96	88	87	80	75	68	61	52	43
180 RX50/05	22,00	30	47,5		120	110	108	100	93	85	77	65	54
180 RX50/06	26,00	35	55		144	132	130	120	112	102	92	78	65
180 RX50/07	30,00	40	62,5		168	154	152	140	131	119	107	91	76
180 RX50/09	37,00	50	78		216	198	195	180	168	153	138	117	97
180 RX50/11	44,00	60	92		264	242	238	220	205	187	169	143	119
180 RX50/14	55,00	75	113,5		336	308	303	280	261	238	215	182	152
180 RX50/15	66,00	90	134,5		360	330	325	300	280	255	230	195	162
180 RX50/16	66,00	90	134,5		384	352	347	320	299	272	245	208	173
180 RX50/17	75,00	100	149,5		408	374	368	340	317	289	261	221	184
180 RX50/18	75,00	100	149,5		432	396	390	360	336	306	276	234	195

Dimensioni di ingombro e pesi
Overall dimensions and weights

Tipo - Type	A mm Tri	B mm	C mm Tri	M kg Tri	P kg
180 RX50/03	1377	536	841	70	42
180 RX50/04	1587	596	991	83	48
180 RX50/05	1727	656	1071	92	54
180 RX50/06	1897	716	1181	100	60
180 RX50/07	2027	776	1251	108	66
180 RX50/09	2126	896	1230	190	78
180 RX50/11	2326	1016	1310	200	90
180 RX50/14	2656	1196	1460	216	108
180 RX50/15	2866	1256	1610	260	114
180 RX50/16	2926	1316	1610	260	120
180 RX50/17	3086	1376	1710	286	126
180 RX50/18	3146	1436	1710	286	132

PANELLI®

180 RX

8”

STAINLESS STEEL

CE Tolleranze secondo - **Tolleranze according to** - *Tolérances selon*
Tolerancias según norma EN UNI-ISO 9906 - **8” (200 mm)**

140 / 180 SX
6'' / 8''

TYPE :

6''
140 SX 34
140 SX 44
140 SX 54
140 SX 66

8''
180 SX 78
180 SX 90
180 SX 102
180 SX 124
180 SX 140
180 SX 160

ELETTROPOMPE SOMMERSE TIPO 6''/8''
SERIE 140/180 SX :
PORTATE FINO A 3400 L/MIN
PREVALENZE FINO A 470 METRI
POTENZE FINO A 125 HP (92 Kw).

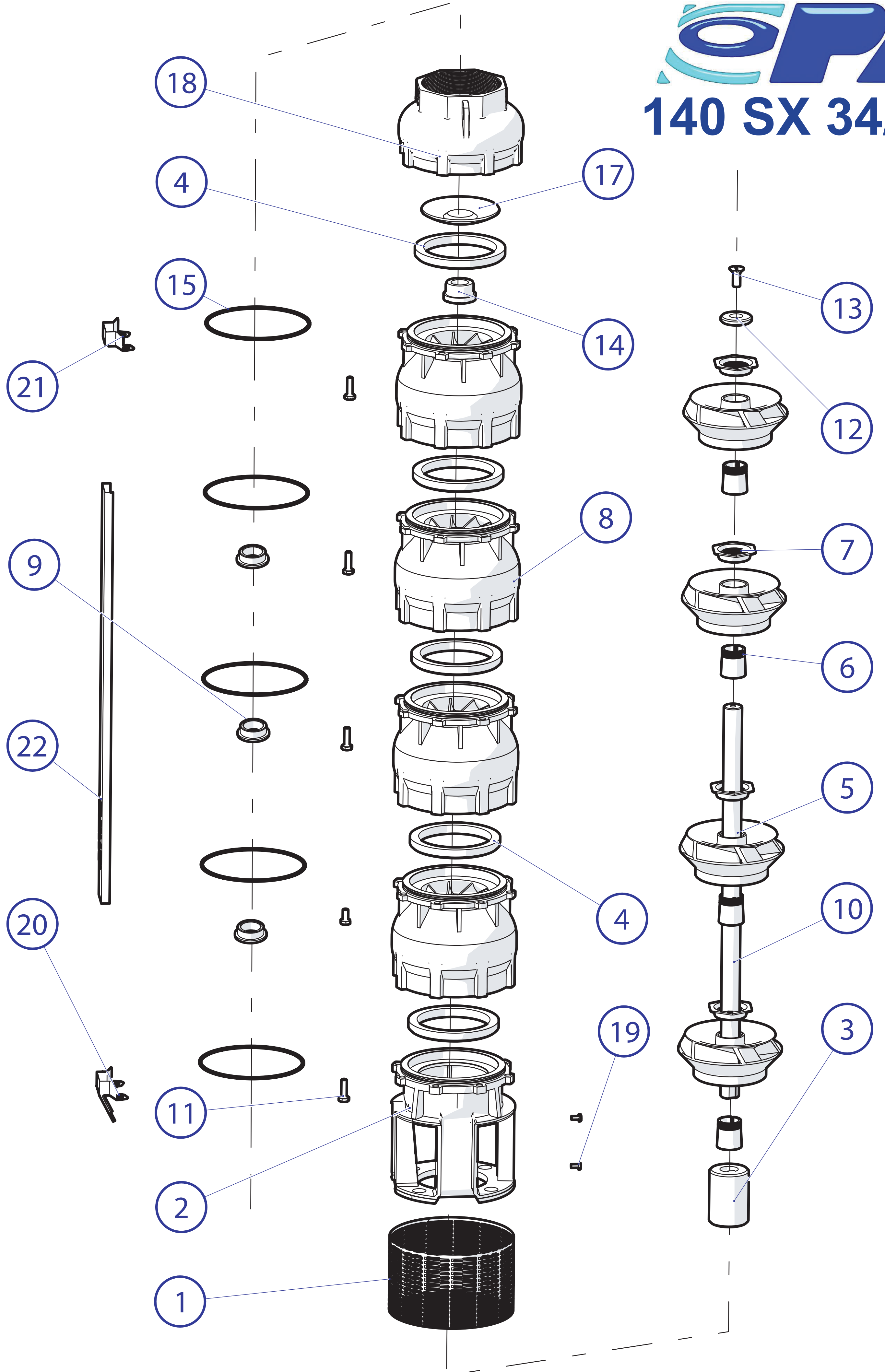
ELECTRIC SUBMERSIBLE PUMPS VERSION 6''/8''
SERIE 140/180 SX
CAPACITY UP TO 3400 L/MIN
MANOMETRIC HEAD UP TO 470 METERS
POWER UP TO 125 HP (92 Kw).

ELECTROPOMPES IMMERGEES 6''/8''
SERIES 140/180 SX :
CAPACITE' JUSQU' A' 3400 L/MIN
HAUTEUR MANOMETRIQUE JUSQU' A' 470 METERS
PUISSANCE JUSQU' A' 125 HP (92 Kw).

PUMP COMPLETELY IN STAINLESS STEEL
AISI 304

140 SX 34/44/54/66 (6'' 150 mm)

Costruzione pompe
Pump construction
Construction pompes



140 SX				
N.CODE	DESCRIZIONE (ITALIANO)	DESCRIPTION (ENGLISH)	DESCRIPTION (FRENCH)	MATERIAL
1	SUCCHERUOLA	SUCTION STRAINER	CREPINE	AISI 304
2	GABBIA DI ASPIRAZIONE	SUCTION CAGE	CAGE D'ASPIRATION	AISI 304
3	GIUNTO	JOINT	JOINT	AISI 304
4 ●	ANELLO USURA	USURY RING	BAGUE D'USURE	NBR
5 ●	GIRANTE	IMPELLER	ROUE	AISI 304
6	CONO	CONE	CONE	AISI 304
7	GHIERA	HEXAGONAL RING	BAGUE	AISI 304
8 ●	DIFFUSORE	DIFFUSEUR	DIFFUSEUR	AISI 304
9	BRONZINA	BEARING BUSH	COUSSINET	BRONZE
10	ALBERO POMPA	PUMP SHAFT	ABRE POMPE	AISI 304
11	N.8 VITI PER DIFFUSORE	N.8 SCREW FOR DIFFUSEUR	N.8 VIS POUR DIFFUSEUR	AISI 304
12	DISCO ACCIAIO	RING	RING	AISI 304
13	VITE DISCO ACCIAIO	SCREW FOR DISK	VIS RING	AISI 304
14	CONTROSOSPENSIONE	COUNTERTHRUST	CONTRESUSPENSION	PTFE +25 CARBON
15	O-RING	O-RING	O-RING	NBR
4 ●	GUARNIZIONE FARFALLA	GASKET VALVE	GASKET VALVE	NBR
17	FARFALLA	CAP VALVE	PLAT	AISI 304
18	MANDATA	DELIVERY BOWL	REFOULEMENT	AISI 304
19	N.2 VITI PER SUCCHERUOLA	N.2 SCREW FOR SUCTION STRAINER	N.2 VIS POUR CREPINE	AISI 304
20	STAFFETTA INFERIORE	LOWER FLANGE	BRIDE INFERIEURE	AISI 304
21	STAFFETTA SUPERIORE	UPPER FLANGE	BRIDE SUPERIEURE	AISI 304
22	COPRICAVO	COVER CABLE	PROTECTOR CABLE	AISI 304

● **N.B.**

I codici disegno con il simbolo rosso variano al variare della tipologia di pompa. (140 SX 34/44/54/66)

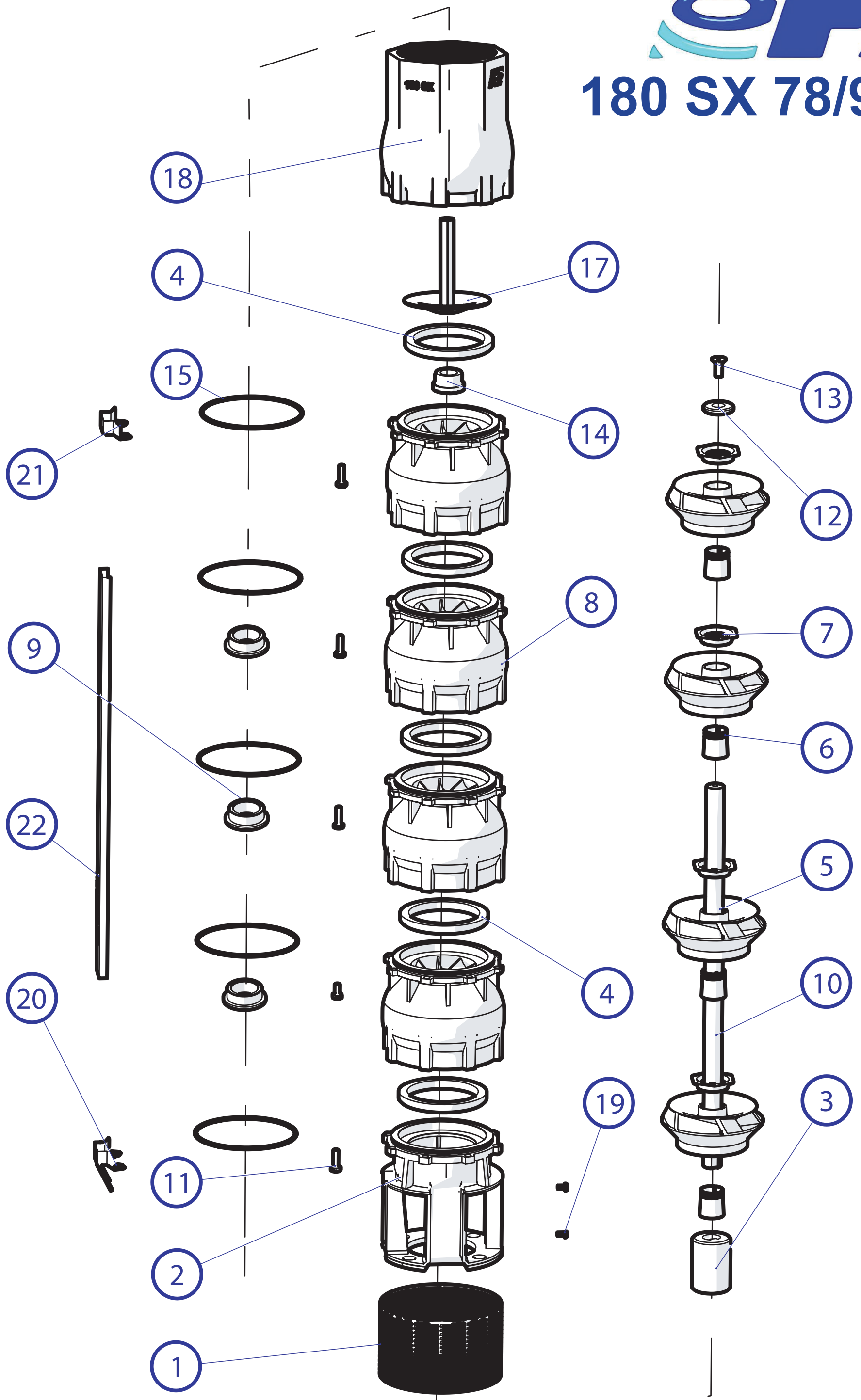
The drawing code with the red symbol change based on the pump type. (140 SX 34/44/54/66)

Les codes du dessin avec le symbole rouge changent avec la typologie de la pompe .(140 SX 34/44/54/66)

Via Rana n°63/65 - Z.I. D5 - 15122 Spinetta M.go -

Costruzione pompe
Pump construction
Construction pompes

180 SX 78/90/102/124/140/160 (8'' 200 mm)



180 SX				
N.CODE	DESCRIZIONE (ITALIANO)	DESCRIPTION (ENGLISH)	DESCRIPTION (FRENCH)	MATERIAL
1	SUCCHERUOLA	SUCTION STRAINER	CREPINE	AISI 304
2	GABBIA DI ASPIRAZIONE	SUCTION CAGE	CAGE D'ASPIRATION	AISI 304
3	GIUNTO	JOINT	JOINT	AISI 304
4 ●	ANELLO USURA	USURY RING	BAGUE D'USURE	NBR
5 ●	GIRANTE	IMPELLER	ROUE	AISI 304
6	CONO	CONE	CONE	AISI 304
7	GHIERA	HEXAGONAL RING	BAGUE	AISI 304
8 ●	DIFFUSORE	DIFFUSEUR	DIFFUSEUR	AISI 304
9	BRONZINA	BEARING BUSH	COUSSINET	BRONZE
10	ALBERO POMPA	PUMP SHAFT	ABRE POMPE	AISI 304
11	N.8 VITI PER DIFFUSORE	N.8 SCREW FOR DIFFUSEUR	N.8 VIS POUR DIFFUSEUR	AISI 304
12	DISCO ACCIAIO	RING	RING	AISI 304
13	VITE DISCO ACCIAIO	SCREW FOR DISK	VIS RING	AISI 304
14	CONTROSOSPENSIONE	COUNTERTHRUST	CONTRESUSPENSION	PTFE +25 CARBON
15	O-RING	O-RING	O-RING	NBR
4 ●	GUARNIZIONE FARFALLA	GASKET VALVE	GASKET VALVE	NBR
17	FARFALLA	CAP VALVE	PLAT	AISI 304
18	CORPO VALVOLA	BODY VALVE	CORPS DE VALVE	AISI 304
19	N.2 VITI PER SUCCHERUOLA	N.2 SCREW FOR SUCTION STRAINER	N.2 VIS POUR CREPINE	AISI 304
20	STAFFETTA INFERIORE	LOWER FLANGE	BRIDE INFERIEURE	AISI 304
21	STAFFETTA SUPERIORE	UPPER FLANGE	BRIDE SUPERIEURE	AISI 304
22	COPRICAVO	COVER CABLE	PROTECTOR CABLE	AISI 304

● **N.B.**

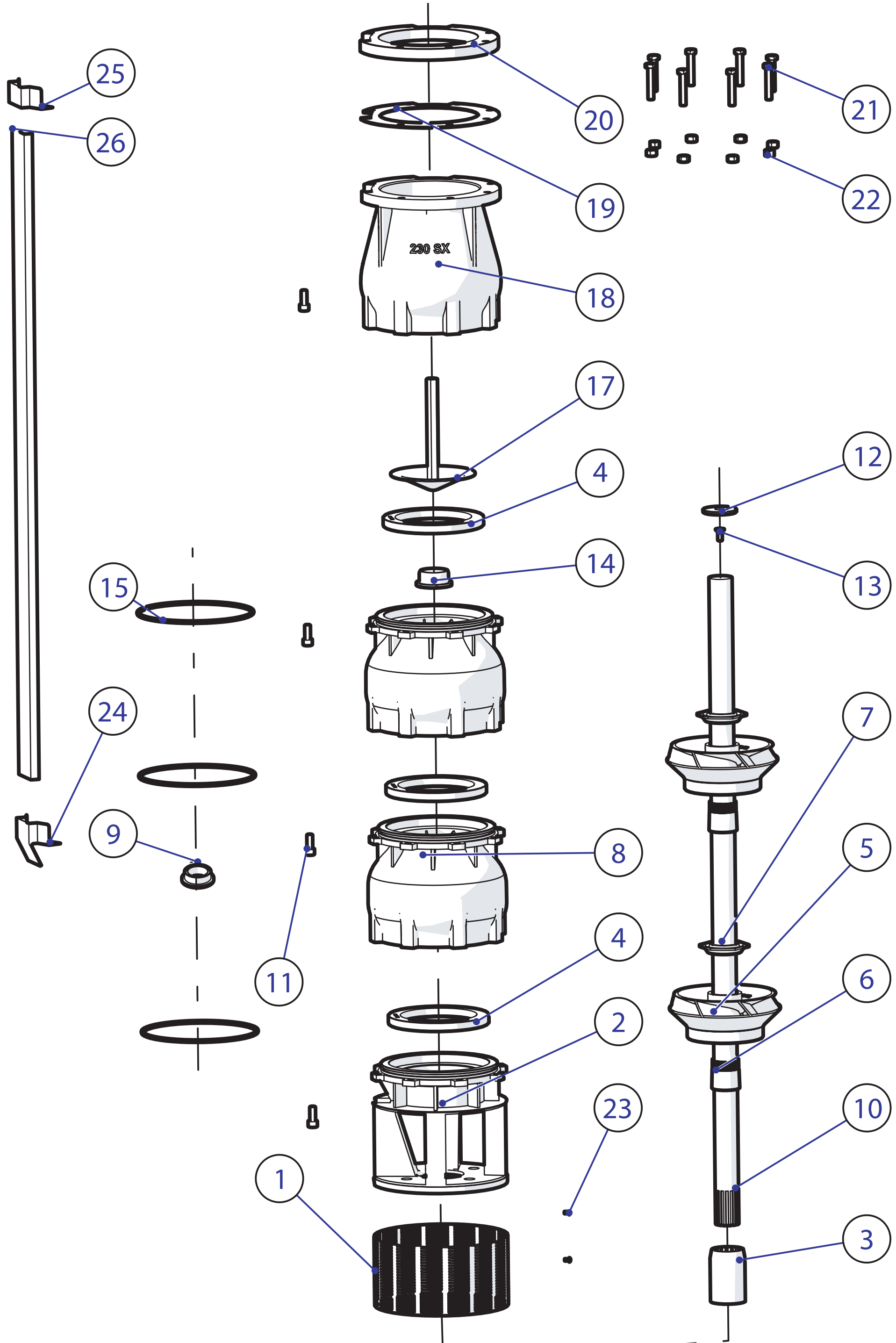
I codici disegno con il simbolo rosso variano al variare della tipologia di pompa. (180 SX 78/90/102/124/140/160)

The drawing code with the red symbol change based on the pump type. (180 SX 78/90/102/124/140/160)

Les codes du dessin avec le symbole rouge changent avec la typologie de la pompe .(180 SX 78/90/102/124/140/160)

Costruzione pompe
Pump construction
Construction pompes

230 SX 200/220/240/280/300 (10'' 250 mm)



230 SX

N.CODE	DESCRIZIONE (ITALIANO)	DESCRIPTION (ENGLISH)	DESCRIPTION (FRENCH)	MATERIAL
1	SUCCHERUOLA	SUCTION STRAINER	CREPINE	AISI 304
2	GABBIA DI ASPIRAZIONE	SUCTION CAGE	CAGE D'ASPIRATION	AISI 304
3	GIUNTO	JOINT	JOINT	AISI 304
4 ●	ANELLO USURA	USURY RING	BAGUE D'USURE	NBR
5 ●	GIRANTE	IMPELLER	ROUE	AISI 304
6	CONO	CONE	CONE	AISI 304
7	GHIERA	HEXAGONAL RING	BAGUE	AISI 304
8 ●	DIFFUSORE	DIFFUSEUR	DIFFUSEUR	AISI 304
9	BRONZINA	BEARING BUSH	COUSSINET	BRONZE
10	ALBERO POMPA	PUMP SHAFT	ABRE POMPE	AISI 304
11	N.8 VITI PER DIFFUSORE	N.8 SCREW FOR DIFFUSEUR	N.8 VIS POUR DIFFUSEUR	AISI 304
12	DISCO ACCIAIO	RING	RING	AISI 304
13	VITE DISCO ACCIAIO	SCREW FOR DISK	VIS RING	AISI 304
14	CONTROSOSPENSIONE	COUNTERTHRUST	CONTRESUSPENSION	PTFE +25 CARBON
15	O-RING	O-RING	O-RING	NBR
4 ●	GUARNIZIONE FARFALLA	GASKET VALVE	GASKET VALVE	NBR
17	FARFALLA	CAP VALVE	PLAT	AISI 304
18	CORPO VALVOLA	BODY VALVE	CORPS DE VALVE	AISI 304
19	GUARNIZIONE CONTROFLANGIA	SEAL COUNTERFLANGE	SEAL CONTREBRIDE	NBR
20	CONTROFLANGIA	COUNTERFLANGE	CONTREBRIDE	AISI 304
21	N.8 VITI PER CONTROFLANGIA	N.8 SCREW FOR COUNTERFLANGE	N.8 VIS POUR CONTREBRIDE	AISI 304
22	N.8 DADI PER CONTROFLANFIA	N.8 NUT FOR COUNTERFLANGE	N.8 ECROU POUR CONTREBRIDE	AISI 304
23	N.2 VITI PER SUCCHERUOLA	N.2 SCREW FOR SUCTION STRAINER	N.2 VIS POUR CREPINE	AISI 304
24	STAFFETTA INFERIORE	LOWER FLANGE	BRIDE INFERIEURE	AISI 304
25	STAFFETTA SUPERIORE	UPPER FLANGE	BRIDE SUPERIEURE	AISI 304
26	COPRICAVO	COVER CABLE	PROTECTOR CABLE	AISI 304

● **N.B.**

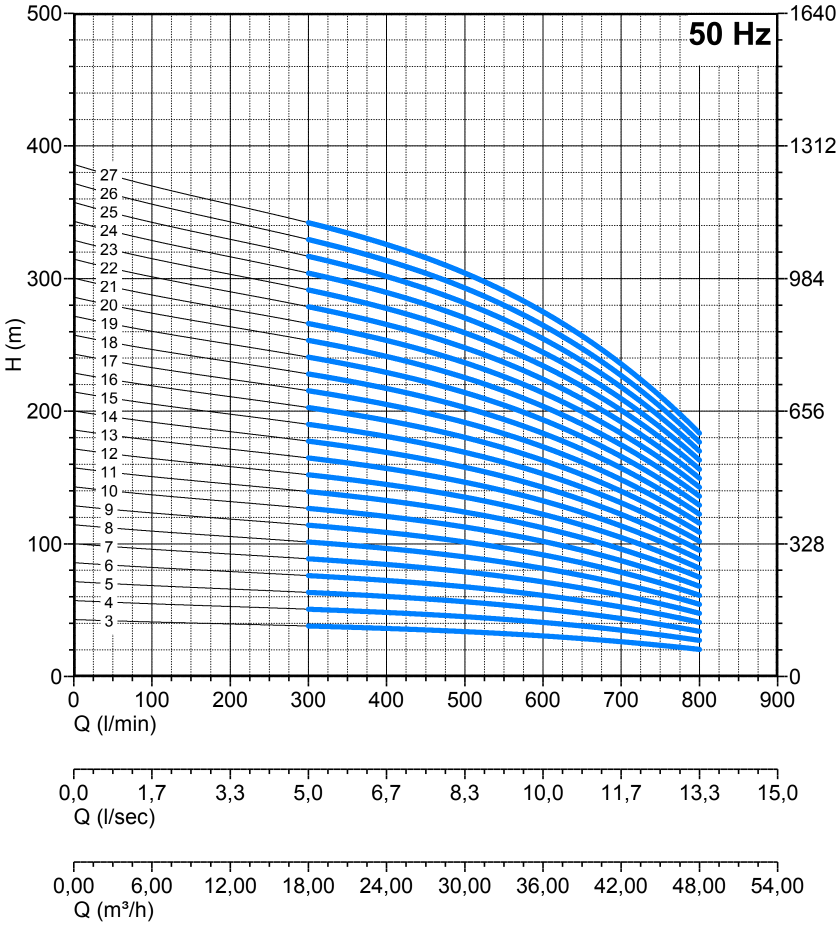
I codici disegno con il simbolo rosso variano al variare della tipologia di pompa. (230 SX 200/220/240/280/300)

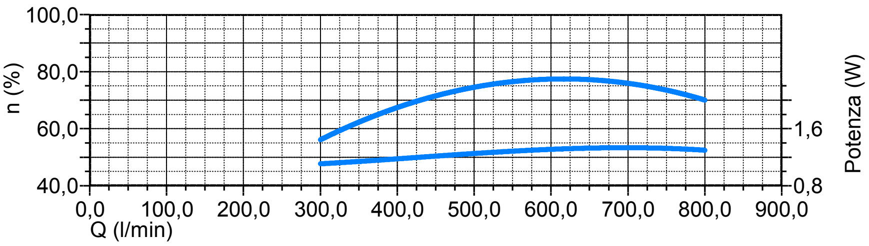
The drawing code with the red symbol change based on the pump type. (230 SX 200/220/240/280/300)

Les codes du dessin avec le symbole rouge changent avec la typologie de la pompe .(230 SX 200/220/240/280/300)

Via Rana n°63/65 - Z.I. D5 - 15122 Spinetta M.go -

140 SX 34



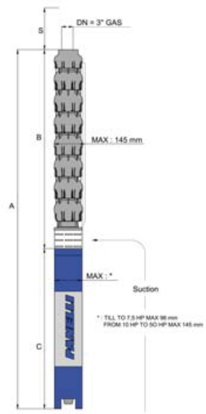


H = Prevalenza totale. **Da 20 a 343 m**
Q = Portata. **Da 300 a 800 l/min**
n% = Rendimento della pompa. **Max 77,1 %**
W/st = Assorbim. per stadio. **Max 1,33**
Massimo contenuto di sabbia. **50 g/m³**
S = Battente minimo (m) **Max 1**

H = Total head. **From 20 to 343 m**
Q = Capacity. **From 300 to 800 l/min**
n% = Pump efficency. **Max 77,1 %**
W/st = Stage absorption. **Max 1,33**
Maximum sand content **50 g/m³**
S = Minimum head (m) **Max 1**

H = hauter manométrique. **From 20 to 343 m**
Q = Débit. **From 300 to 800 l/min**
n% = Rendement de la pompe. **Max 77,1 %**
W/st = Absorption par étage. **Max 1,33**
Contenu maximal de sable. **50 g/m³**
S = Niveau minimal (m). **Max 1**

H =Altura manométrica. **Da 20 a 343 m**
Q = Caudal. **De 300 a 800 l/min**
n% = Rendimiento de la bomba. **Max 77,1 %**
W/st = Potencia absorbida por etapa. **Max 1,33**
Condenito màximo de arena. **50 g/m³**
S = Nivel minimo (m) **Max 1**



Motore - Motor - Moteur Caratteristiche a 2900 rpm				Q=Portata - Capacity - Debit							
Tipo - Type	Power		V 400	l/min	0	300	400	500	600	700	800
				l/sec	0,00	5,00	6,67	8,33	10,00	11,67	13,33
	kW	HP	A	m³/h	0,0	18,0	24,0	30,0	36,0	42,0	48,0
140 SX 34 /03	4,00	5,5	10	H[m]	43	38	36	34	31	26	20
140 SX 34 /04	5,50	7,5	12,5		57	51	48	45	41	35	27
140 SX 34 /05	7,50	10	17,5		72	64	60	57	51	44	34
140 SX 34 /06	9,20	12,5	21		86	76	72	68	61	52	41
140 SX 34 /07	9,20	12,5	21		100	89	84	79	71	61	48
140 SX 34 /08	11,00	15	24,5		114	102	96	90	82	70	54
140 SX 34 /09	13,00	17,5	28		129	114	108	102	92	78	61
140 SX 34 /10	15,00	20	32		143	127	120	113	102	87	68
140 SX 34 /11	15,00	20	32		157	140	132	124	112	96	75
140 SX 34 /12	18,50	25	40		172	152	144	136	122	104	82
140 SX 34 /13	18,50	25	40		186	165	156	147	133	113	88
140 SX 34 /14	22,00	30	47,5		200	178	168	158	143	122	95
140 SX 34 /15	22,00	30	47,5		215	191	180	170	153	131	102
140 SX 34 /16	22,00	30	47,5		229	203	192	181	163	139	109
140 SX 34 /17	26,00	35	55		243	216	204	192	173	148	116
140 SX 34 /18	26,00	35	55		257	229	216	203	184	157	122
140 SX 34 /19	26,00	35	55		272	241	228	215	194	165	129
140 SX 34 /20	30,00	40	62,5		286	254	240	226	204	174	136
140 SX 34 /21	30,00	40	62,5		300	267	252	237	214	183	143
140 SX 34 /22	30,00	40	62,5		315	279	264	249	224	191	150
140 SX 34 /23	37,00	50	78		329	292	276	260	235	200	156
140 SX 34 /24	37,00	50	78		343	305	288	271	245	209	163
140 SX 34 /25	37,00	50	78		358	318	300	283	255	217	170
140 SX 34 /26	37,00	50	78		372	330	312	294	265	226	177
140 SX 34 /27	37,00	50	78		386	343	324	305	275	235	184

Dimensioni di ingombro e pesi Overall dimensions and weights					
Tipo - Type	A mm Tri	B mm	C mm Tri	M kg Tri	P kg
140 SX 34 /03	1140	543	597	22	34
140 SX 34 /04	1342	644	698	27	38
140 SX 34 /05	1446	745	701	55	42
140 SX 34 /06	1597	846	751	60	46
140 SX 34 /07	1698	947	751	60	52
140 SX 34 /08	1859	1048	811	65	57
140 SX 34 /09	1990	1149	841	70	60
140 SX 34 /10	2181	1250	931	75	64
140 SX 34 /11	2282	1351	931	75	68
140 SX 34 /12	2443	1452	991	83	73
140 SX 34 /13	2544	1553	991	83	78
140 SX 34 /14	2725	1654	1071	92	81
140 SX 34 /15	2826	1755	1071	92	86
140 SX 34 /16	2927	1856	1071	92	90
140 SX 34 /17	3138	1957	1181	100	95
140 SX 34 /18	3239	2058	1181	100	100
140 SX 34 /19	3340	2159	1181	100	105
140 SX 34 /20	3511	2260	1251	108	110
140 SX 34 /21	3612	2361	1251	108	114
140 SX 34 /22	3713	2462	1251	108	119
140 SX 34 /23	3904	2563	1341	118	123
140 SX 34 /24	4005	2664	1341	118	128
140 SX 34 /25	4106	2765	1341	118	132
140 SX 34 /26	4207	2866	1341	118	137
140 SX 34 /27	4308	2967	1341	118	142

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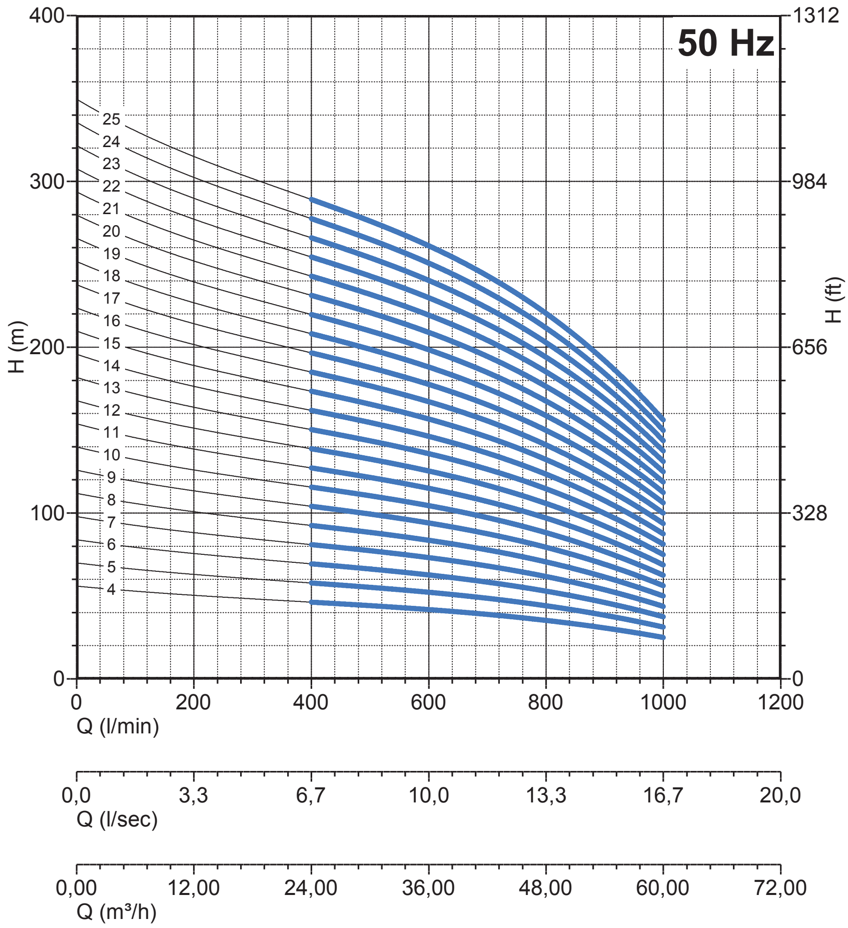
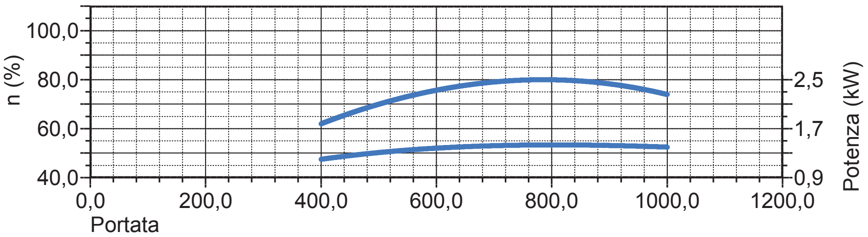
140 SX 44

Tolleranze secondo - Tollerance according to - Tolérance sulvant - Tolerancias segùn norma - EN UNI-ISO 9906 - 6"(150 mm)



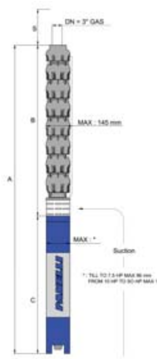


H = Prevalenza totale. **Da 26 a 285 m**
Q = Portata. **Da 400 a 1000 l/min**
n% = Rendimento della pompa. **Max 80,1 %**
kw/st = Assorbim. per stadio. **Max 1,44**
Massimo contenuto di sabbia. **50 g/m³**
S = Battente minimo (m) **Max 1**

H = Total head. **From 26 to 285 m**
Q = Capacity. **From 400 to 1000 l/min**
n% = Pump efficency. **Max 80,1 %**
kw/st = Stage absorption. **Max 1,44**
Maximum sand content **50 g/m³**
S = Minimum head (m) **Max 1**

H = hauter manométrique. **From 26 to 285 m**
Q = Débit. **From 400 to 1000 l/min**
n% = Rendement de la pompe. **Max 80,1 %**
kw/st = Absorption par étage. **Max 1,44**
Contenu maximal de sable. **50 g/m³**
S = Niveau minimal (m). **Max 1**

H =Altura manométrica. **Da 26 a 285 m**
Q = Caudal. **De 400 a 1000 l/min**
n% = Rendimiento de la bomba. **Max 80,1 %**
kw/st = Potencia absorbida por etapa. **Max 1,44**
Condenito màximo de arena. **50 g/m³**
S = Nivel minimo (m) **Max 1**



Motore - Motor - Moteur Caratteristiche a 2900 rpm					Q=Portata - Capacity - Debit							
Tipo - Type	Power		V 400	l/min	0	400	500	600	700	800	900	1000
				l/sec	0,00	6,67	8,33	10,00	11,67	13,33	15,00	16,67
	kW	HP	A	m³/h	0,0	24,0	30,0	36,0	42,0	48,0	54,0	60,0
140 SX 44/04	5,50	7,5	12,5	H[m]	56	46	44	42	39	35	30	26
140 SX 44/05	7,50	10	17,5		70	57	56	53	49	44	37	32
140 SX 44/06	9,20	12,5	21		84	68	67	64	59	53	44	38
140 SX 44/07	11,00	15	24,5		98	80	78	74	69	62	52	45
140 SX 44/08	13,00	17,5	28		112	91	89	85	78	70	59	51
140 SX 44/09	13,00	17,5	28		126	103	100	95	88	79	67	58
140 SX 44/10	15,00	20	32		140	114	111	106	98	88	74	64
140 SX 44/11	18,50	25	40		154	125	122	117	108	97	81	70
140 SX 44/12	18,50	25	40		168	137	133	127	118	106	89	77
140 SX 44/13	22,00	30	47		182	148	144	138	127	114	96	83
140 SX 44/14	22,00	30	47		196	160	155	148	137	123	104	90
140 SX 44/15	22,00	30	47		210	171	167	159	147	132	111	96
140 SX 44/16	26,00	35	55		224	182	178	170	157	141	118	102
140 SX 44/17	26,00	35	55		238	194	189	180	167	150	126	109
140 SX 44/18	26,00	35	55		252	205	200	191	176	158	133	115
140 SX 44/19	30,00	40	62,5		266	217	211	201	186	167	141	122
140 SX 44/20	30,00	40	62,5		280	228	222	212	196	176	148	128
140 SX 44/21	37,00	50	78		294	239	233	223	206	185	155	134
140 SX 44/22	37,00	50	78		308	251	244	233	216	194	163	141
140 SX 44/23	37,00	50	78		322	262	255	244	225	202	170	147
140 SX 44/24	37,00	50	78		336	274	266	254	235	211	178	154
140 SX 44/25	37,00	50	78		350	285	278	265	245	220	185	160

Dimensioni di ingombro e pesi Overall dimensions and weights					
Tipo - Type	A mm Tri	B mm	C mm Tri	M kg Tri	P kg
140 SX 44/04	1342	644	698	27	36
140 SX 44/05	1563	745	818	32	41
140 SX 44/06	1597	846	751	60	46
140 SX 44/07	1758	947	811	65	51
140 SX 44/08	1889	1048	841	70	56
140 SX 44/09	1990	1149	841	70	62
140 SX 44/10	2181	1250	931	75	69
140 SX 44/11	2342	1351	991	83	75
140 SX 44/12	2443	1452	991	83	81
140 SX 44/13	2624	1553	1071	92	86
140 SX 44/14	2725	1654	1071	92	91
140 SX 44/15	2826	1755	1071	92	96
140 SX 44/16	3037	1856	1181	100	101
140 SX 44/17	3138	1957	1181	100	106
140 SX 44/18	3239	2058	1181	100	112
140 SX 44/19	3410	2159	1251	108	118
140 SX 44/20	3511	2260	1251	108	124
140 SX 44/21	3702	2361	1341	118	130
140 SX 44/22	3803	2462	1341	118	136
140 SX 44/23	3904	2563	1341	118	142
140 SX 44/24	4005	2664	1341	118	149
140 SX 44/25	4106	2765	1341	118	152

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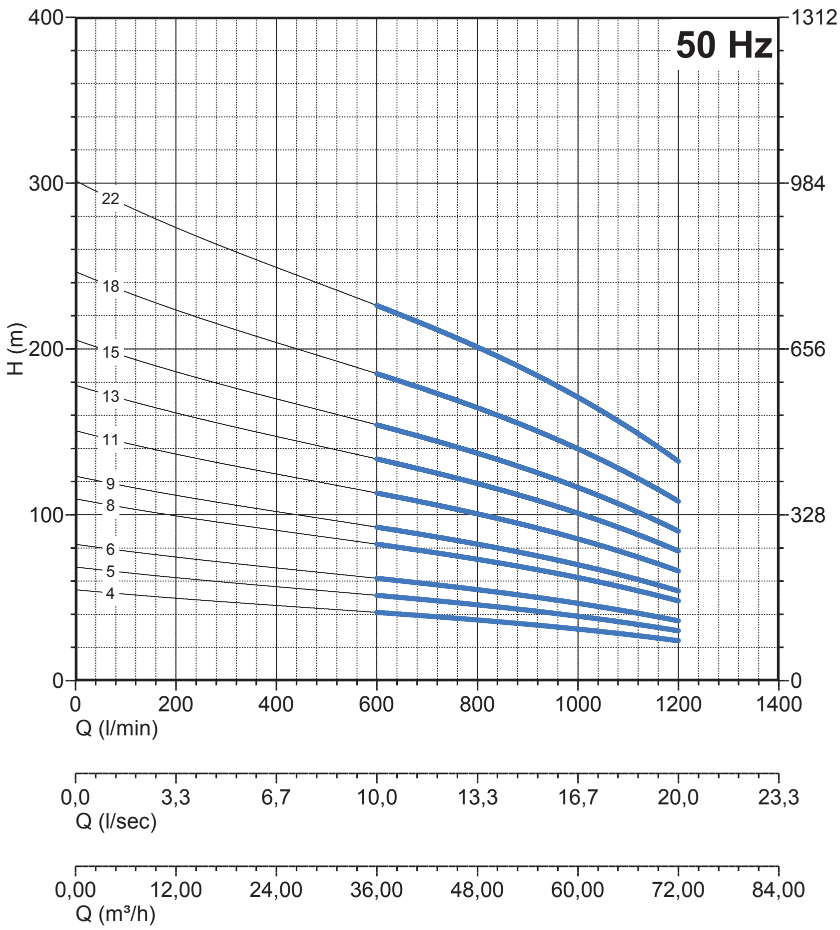
140 SX 54

Tolleranze secondo - Tollerance according to - Tolérance sulvant - Tolerancias segùn norma - EN UNI-ISO 9906 - 6"(150 mm)

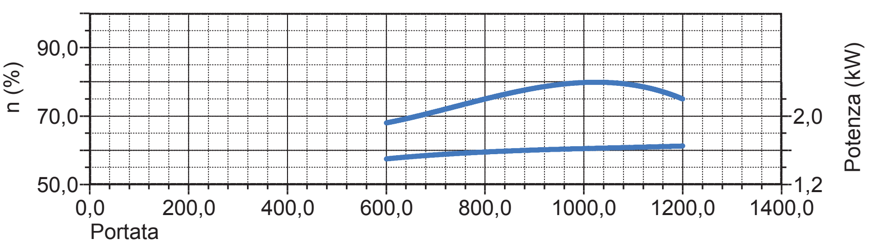


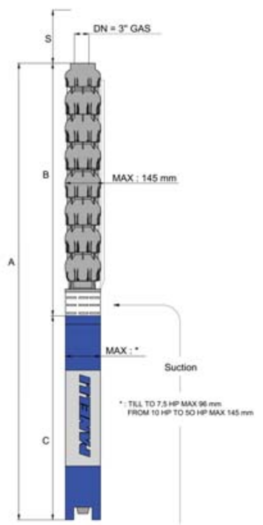
H = Prevalenza totale. **Da 24 a 227 m**
Q = Portata. **Da 600 a 1200 l/min**
n% = Rendimento della pompa. **Max 79,8 %**
kw/st = Assorbim. per stadio. **Max 1,65**
Massimo contenuto di sabbia. **50 g/m³**
S = Battente minimo (m) **Max 1**

H = Total head. **From 24 to 227 m**
Q = Capacity. **From 600 to 1200 l/min**
n% = Pump efficency. **Max 79,8 %**
kw/st = Stage absorption. **Max 1,65**
Maximum sand content **50 g/m³**
S = Minimum head (m) **Max 1**

H = hauter manométrique. **From 24 to 227 m**
Q = Débit. **From 600 to 1200 l/min**
n% = Rendement de la pompe. **Max 79,8 %**
kw/st = Absorption par étage. **Max 1,65**
Contenu maximal de sable. **50 g/m³**
S = Niveau minimal (m). **Max 1**

H =Altura manométrica. **Da 24 a 227 m**
Q = Caudal. **De 600 a 1200 l/min**
n% = Rendimiento de la bomba. **Max 79,8 %**
kw/st = Potencia absorbida por etapa. **Max 1,65**
Condenito màximo de arena. **50 g/m³**
S = Nivel minimo (m) **Max 1**





Tipo - Type	Motore - Motor - Moteur Caratteristiche a 2900 rpm				Q=Portata - Capacity - Debit				
	Power		V 400	l/min	0	600	800	1000	1200
				l/sec	0,00	10,00	13,33	16,67	20,00
	kW	HP	A	m³/h	0,0	36,0	48,0	60,0	72,0
140 SX 54/04	7,50	10	17,5	H[m]	55	41	36	31	24
140 SX 54/05	9,20	12,5	21		69	52	46	39	30
140 SX 54/06	11,00	15	24,5		82	62	55	47	36
140 SX 54/08	13,00	17,5	28		110	82	73	62	48
140 SX 54/09	15,00	20	32		123	93	82	70	54
140 SX 54/11	18,50	25	40		151	113	100	86	66
140 SX 54/13	22,00	30	47,5		178	134	118	101	78
140 SX 54/15	26,00	35	55		206	155	137	117	90
140 SX 54/18	30,00	40	62,5		247	185	164	140	108
140 SX 54/22	37,00	50	78		301	227	200	172	132

Dimensioni di ingombro e pesi
Overall dimensions and weights

Tipo - Type	A mm Tri	B mm	C mm Tri	M kg Tri	P kg
140 SX 54/04	1369	668	701	55	22
140 SX 54/05	1526	775	751	60	26
140 SX 54/06	1693	882	811	65	30
140 SX 54/08	1937	1096	841	70	38
140 SX 54/09	2134	1203	931	75	42
140 SX 54/11	2408	1417	991	83	50
140 SX 54/13	2702	1631	1071	92	58
140 SX 54/15	3026	1845	1181	100	66
140 SX 54/18	3417	2166	1251	108	78
140 SX 54/22	3935	2594	1341	118	92

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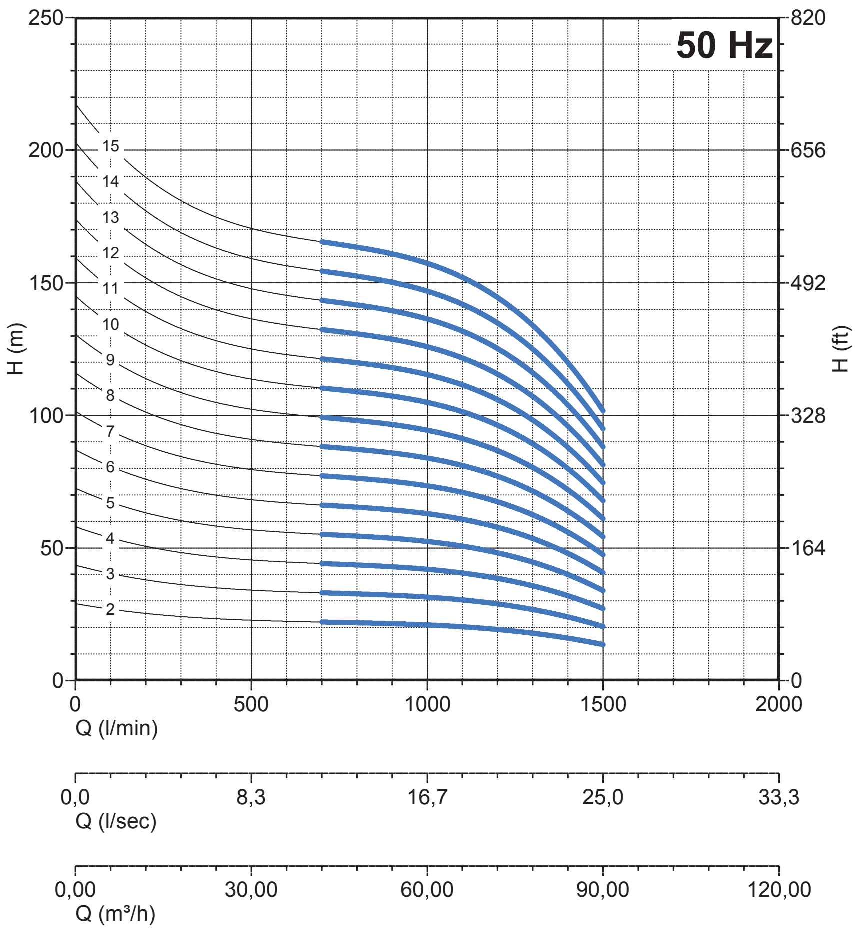
140 SX 66

Tolleranze secondo - Tollerance according to - Tolérance sulvant - Tolerancias segùn norma - EN UNI-ISO 9906 - 6" (150 mm)

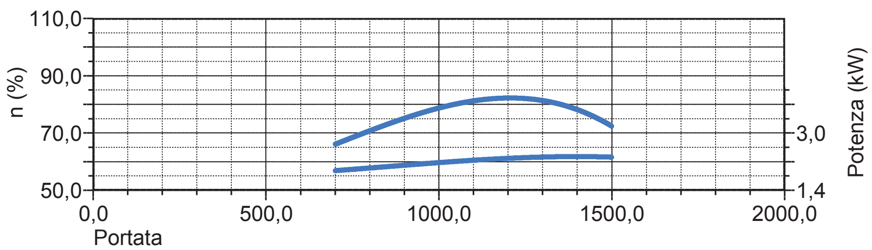


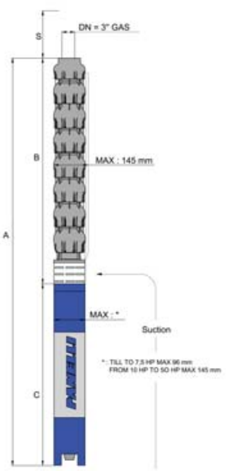
H = Prevalenza totale. **Da 14 a 168 m**
Q = Portata. **Da 700 a 1500 l/min**
n% = Rendimento della pompa. **Max 81,8 %**
kw/st = Assorbim. per stadio. **Max 2,35**
Massimo contenuto di sabbia. **50 g/m³**
S = Battente minimo (m) **Max 1**

H = Total head. **From 14 to 168 m**
Q = Capacity. **From 700 to 1500 l/min**
n% = Pump efficency. **Max 81,8 %**
kw/st = Stage absorption. **Max 2,35**
Maximum sand content **50 g/m³**
S = Minimum head (m) **Max 1**

H = hauter manometrique. **From 14 to 168 m**
Q = Débit. **From 700 to 1500 l/min**
n% = Rendement de la pompe. **Max 81,8 %**
kw/st = Absorption par étage. **Max 2,35**
Contenu maximal de sable. **50 g/m³**
S = Niveau minimal (m). **Max 1**

H =Altura manométrica. **Da 14 a 168 m**
Q = Caudal. **De 700 a 1500 l/min**
n% = Rendimiento de la bomba. **Max 81,8 %**
kw/st = Potencia absorbida por etapa. **Max 2,35**
Condenito màximo de arena. **50 g/m³**
S = Nivel minimo (m) **Max 1**





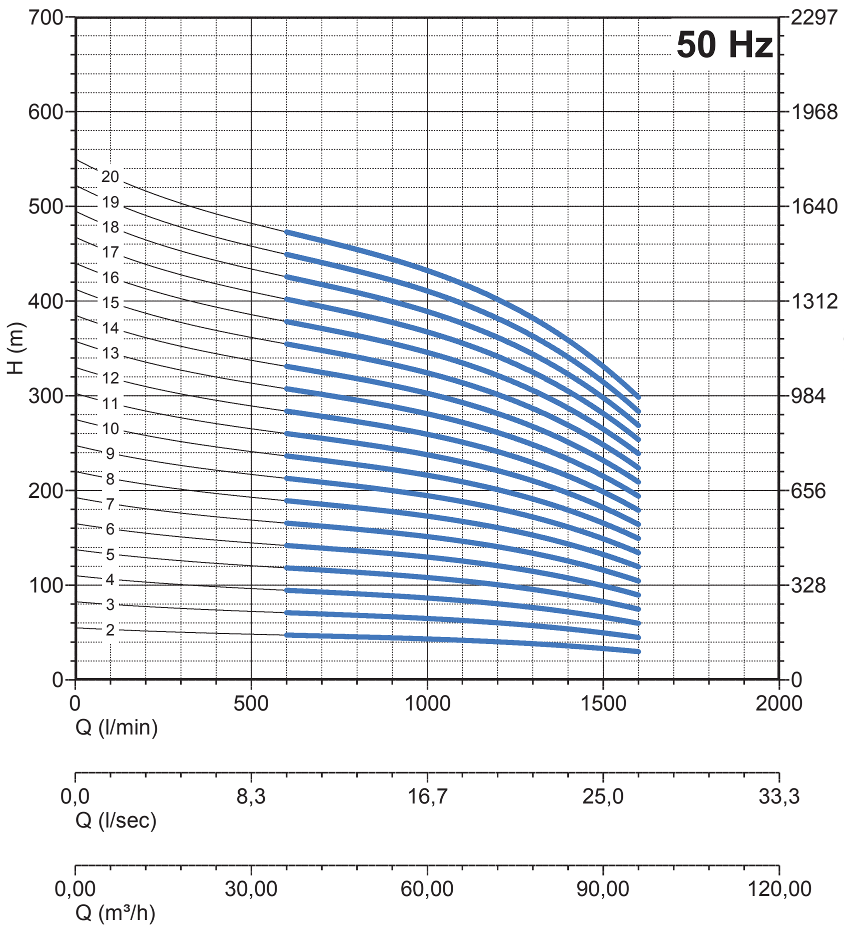
Tipo - Type	Motore - Motor - Moteur Caratteristiche a 2900 rpm				Q=Portata - Capacity - Debit									
	Power		V 400	l/min	0	700	800	900	1000	1100	1200	1300	1400	1500
				l/sec	0,00	11,67	13,33	15,00	16,67	18,33	20,00	21,67	23,33	25,00
	kW	HP	A	m³/h	0,0	42,0	48,0	54,0	60,0	66,0	72,0	78,0	84,0	90,0
140 SX 66/02	5,50	7,5	12,5	H[m]	29	22	21	21	21	21	19	18	16	14
140 SX 66/03	7,50	10	17,5		44	34	32	32	32	31	29	26	24	20
140 SX 66/04	9,20	12,5	21		58	45	43	42	42	42	38	35	32	27
140 SX 66/05	13,00	17,5	28		73	56	54	53	53	52	48	44	40	34
140 SX 66/06	15,00	20	32		87	67	64	64	63	62	58	53	48	41
140 SX 66/07	18,50	25	40		102	78	75	74	74	73	67	62	56	48
140 SX 66/08	22,00	30	47,5		116	90	86	85	84	83	77	70	64	54
140 SX 66/09	22,00	35	47,5		131	101	96	95	95	94	86	79	72	61
140 SX 66/10	26,00	35	55		145	112	107	106	105	104	96	88	80	68
140 SX 66/11	26,00	35	55		160	123	118	117	116	114	106	97	88	75
140 SX 66/12	30,00	40	62,5		174	134	128	127	126	125	115	106	96	82
140 SX 66/13	37,00	50	78		189	146	139	138	137	135	125	114	104	88
140 SX 66/14	37,00	50	78		203	157	150	148	147	146	134	123	112	95
140 SX 66/15	37,00	50	78		218	168	161	159	158	156	144	132	120	102

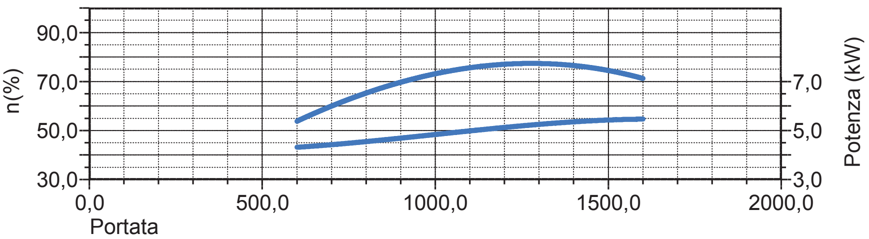
Dimensioni di ingombro e pesi
Overall dimensions and weights

Tipo - Type	A mm Tri	B mm	C mm Tri	M kg Tri	P kg
140 SX 66/02	1152	454	698	27	15
140 SX 66/03	1262	561	701	55	19
140 SX 66/04	1419	668	751	60	23
140 SX 66/05	1616	775	841	70	27
140 SX 66/06	1813	882	931	75	32
140 SX 66/07	1980	989	991	83	36
140 SX 66/08	2167	1096	1071	92	40
140 SX 66/09	2274	1203	1071	92	44
140 SX 66/10	2491	1310	1181	100	48
140 SX 66/11	2598	1417	1181	100	53
140 SX 66/12	2775	1524	1251	108	57
140 SX 66/13	2972	1631	1341	118	61
140 SX 66/14	3079	1738	1341	118	65
140 SX 66/15	3186	1845	1341	118	70

180 SX 78

Tolleranze secondo - Tollerance according to - Tolérance sulvant - Tolerancias segùn norma - EN UNI-ISO 9906 - 8''(200 mm)



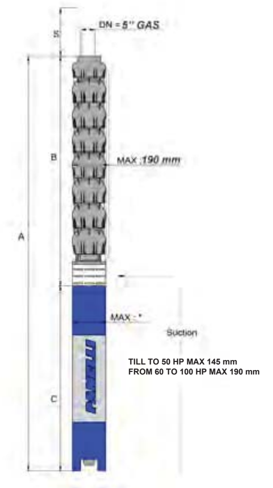


H = Prevalenza totale. **Da 30 a 472 m**
Q = Portata. **Da 600 a 1600 l/min**
n% = Rendimento della pompa. **Max 77,4 %**
kw/st = Assorbim. per stadio. **Max 5,45**
Massimo contenuto di sabbia. **50 g/m³**
S = Battente minimo (m) **Max 1**

H = Total head. **From 30 to 472 m**
Q = Capacity. **From 600 to 1600 l/min**
n % = Pump efficency. **Max 77,4 %**
kw/st = Stage absorption. **Max 5,45**
Maximum sand content **50 g/m³**
S = Minimum head (m) **Max 1**

H = hauter manométrique. **From 30 to 472 m**
Q = Débit. **From 600 to 1600 l/min**
n % = Rendement de la pompe. **Max 77,4 %**
kw/st = Absorption par étage. **Max 5,45**
Contenu maximal de sable. **50 g/m³**
S = Niveau minimal (m). **Max 1**

H =Altura manométrica. **Da 30 a 472 m**
Q = Caudal. **De 600 a 1600 l/min**
n% = Rendimiento de la bomba. **Max 77,4 %**
kw/st = Potencia absorbida por etapa. **Max 5,45**
Condenito màximo de arena. **50 g/m³**
S = Nivel minimo (m) **Max 1**



Tipo - Type	Motore - Motor - Moteur Caratteristiche a 2900 rpm: Power kW	Power HP	V 400 A	l/min	0	600	800	1000	1200	1400	1600
				l/sec	0,00	10,00	13,33	16,67	20,00	23,33	26,67
				m³/h	0,0	36,0	48,0	60,0	72,0	84,0	96,0
180 SX 78/02	11,00	15	24,5	H[m]	55	47	46	43	40	36	30
180 SX 78/03	18,50	25	40		83	71	68	65	60	54	45
180 SX 78/04	22,00	30	47		110	94	91	86	80	72	60
180 SX 78/05	30,00	40	62,5		138	118	114	108	100	90	75
180 SX 78/06	37,00	50	78		165	142	137	130	120	108	89
180 SX 78/07	37,00	50	78		193	165	160	151	140	126	104
180 SX 78/08	44,00	60	92		220	189	182	173	160	144	119
180 SX 78/09	55,00	75	113,5		248	212	205	194	180	162	134
180 SX 78/10	55,00	75	113,5		275	236	228	216	200	180	149
180 SX 78/11	66,00	90	134,5		303	260	251	238	220	198	164
180 SX 78/12	66,00	90	134,5		330	283	274	259	240	216	179
180 SX 78/13	75,00	100	149,5		358	307	296	281	260	234	194
180 SX 78/14	75,00	100	149,5		385	330	319	302	280	252	209
180 SX 78/15	92,00	125	185		413	354	342	324	300	270	224
180 SX 78/16	92,00	125	185		440	378	365	346	320	288	238
180 SX 78/17	92,00	125	185		468	401	388	367	340	306	253
180 SX 78/18	110,00	150	219		495	425	410	389	360	324	268
180 SX 78/19	110,00	150	219		523	448	433	410	380	342	283
180 SX 78/20	110,00	150	219		550	472	456	432	400	360	298

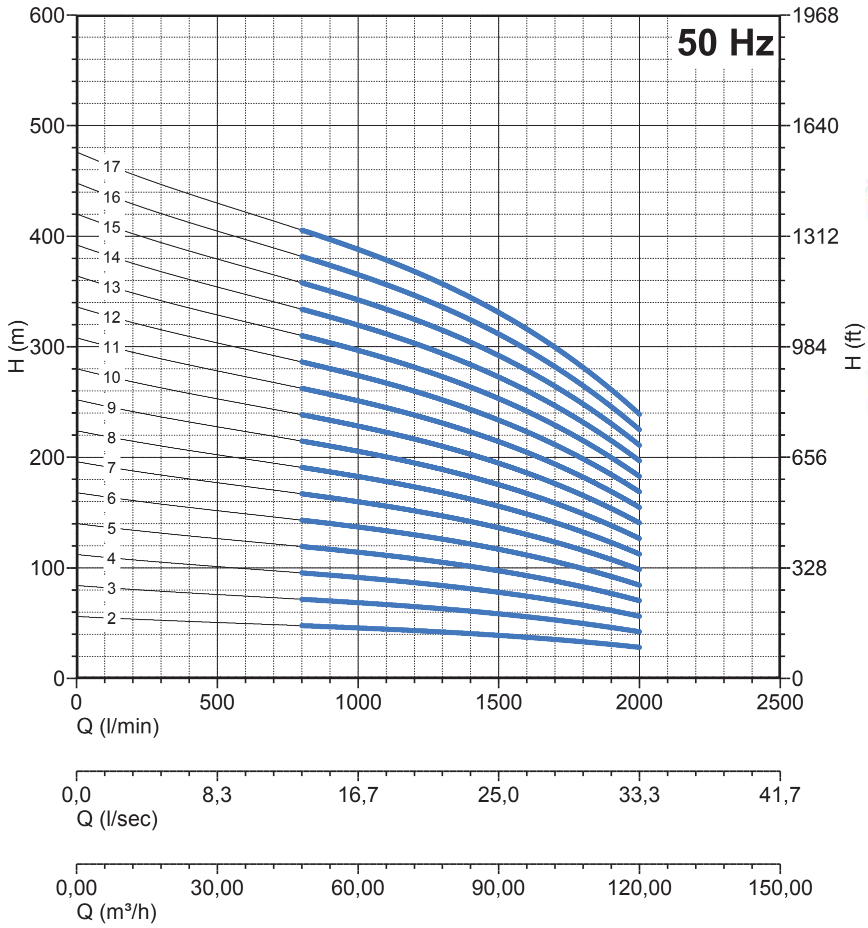
Q=Portata - Capacity - Debit

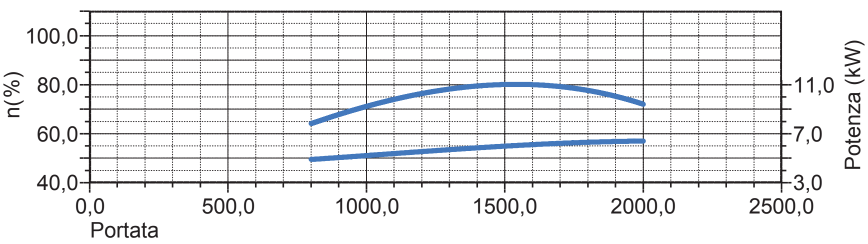
Dimensioni di ingombro e pesi
Overall dimensions and weights

Tipo - Type	A mm Tri	B mm	C mm Tri	M kg Tri	P kg
180 SX 78/02	1379	568	811	65	35
180 SX 78/03	1683	692	991	83	45
180 SX 78/04	1887	816	1071	92	54
180 SX 78/05	2191	940	1251	108	65
180 SX 78/06	2405	1064	1341	118	77
180 SX 78/07	2529	1188	1341	118	85
180 SX 78/08	2622	1312	1310	200	95
180 SX 78/09	2896	1436	1460	216	106
180 SX 78/10	3020	1560	1460	216	115
180 SX 78/11	3294	1684	1610	260	123
180 SX 78/12	3418	1808	1610	260	134
180 SX 78/13	3642	1932	1710	286	145
180 SX 78/14	3766	2056	1710	286	156
180 SX 78/15	4040	2180	1860	310	165
180 SX 78/16	4164	2304	1860	310	175
180 SX 78/17	4288	2428	1860	310	184
180 SX 78/18	4312	2552	1760	415	196
180 SX 78/19	4436	2676	1760	415	205
180 SX 78/20	4560	2800	1760	415	215

180 SX 90

Tolleranze secondo - Tollerance according to - Tolérance sulvant - Tolerancias segùn norma - EN UNI-ISO 9906 - 8"(200 mm)



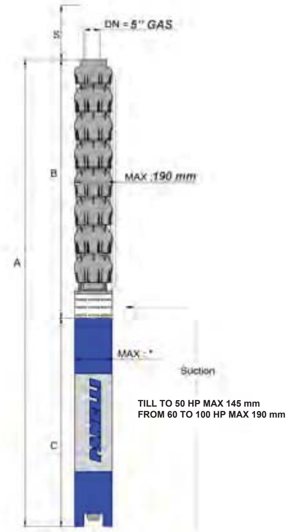


H = Prevalenza totale. **Da 28 a 408 m**
Q = Portata. **Da 800 a 2000 l/min**
n% = Rendimento della pompa. **Max 80,4 %**
kw/st = Assorbim. per stadio. **Max 6,40**
Massimo contenuto di sabbia. **50 g/m³**
S = Battente minimo (m) **Max 1**

H = Total head. **From 28 to 408 m**
Q = Capacity. **From 800 to 2000 l/min**
n% = Pump efficency. **Max 80,4 %**
kw/st = Stage absorption. **Max 6,40**
Maximum sand content **50 g/m³**
S = Minimum head (m) **Max 1**

H = hauter manometrique. **From 28 to 408 m**
Q = Débit. **From 800 to 2000 l/min**
n% = Rendement de la pompe. **Max 80,4 %**
kw/st = Absorption par étage. **Max 6,40**
Contenu maximal de sable. **50 g/m³**
S = Niveau minimal (m). **Max 1**

H =Altura manométrica. **Da 28 a 408 m**
Q = Caudal. **De 800 a 2000 l/min**
n% = Rendimiento de la bomba. **Max 80,4 %**
kw/st = Potencia absorbida por etapa. **Max 6,40**
Condenito màximo de arena. **50 g/m³**
S = Nivel minimo (m) **Max 1**



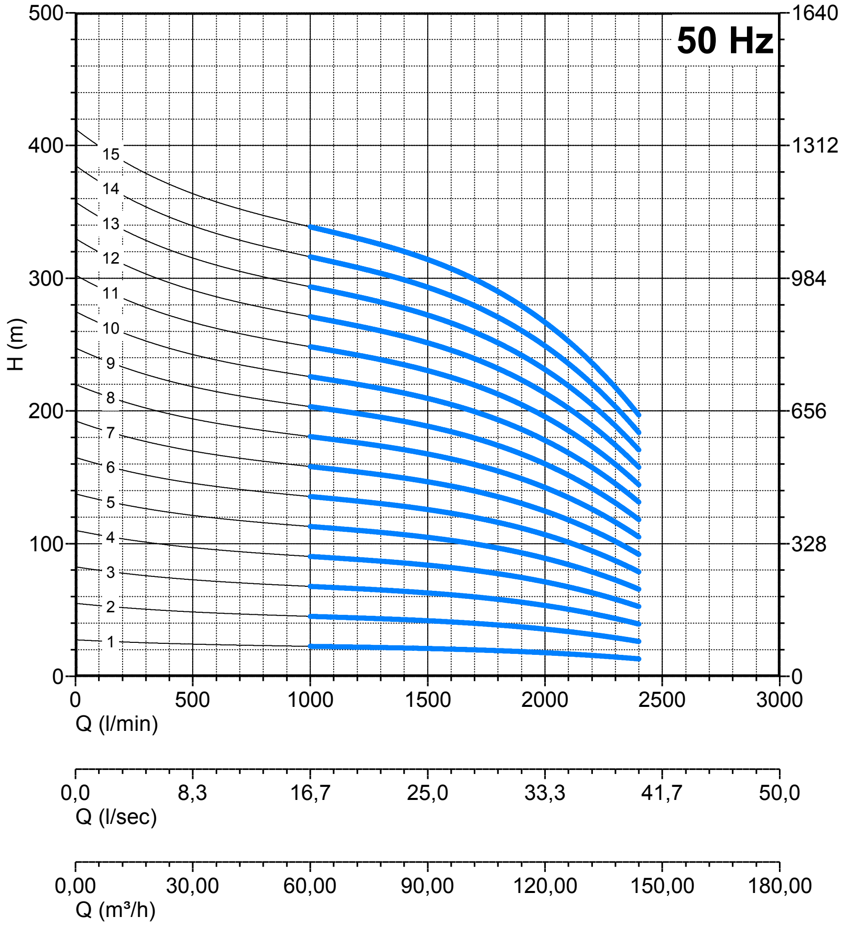
Tipo - Type	Motore - Motor - Moteur Caratteristiche a 2900 rpm				Q=Portata - Capacity - Debit							
	Power		V 400	l/min	0	800	1000	1200	1400	1600	1800	2000
				l/sec	0,00	13,33	16,67	20,00	23,33	26,67	30,00	33,33
	kW	HP	A	m³/h	0,0	48,0	60,0	72,0	84,0	96,0	108,0	120,0
180 SX 90/02	13,00	17,5	28	H[m]	56	48	45	43	40	37	33	28
180 SX 90/03	22,00	30	47		84	72	68	65	61	56	50	42
180 SX 90/04	26,00	35	55		112	96	91	86	81	75	66	56
180 SX 90/05	37,00	50	78		140	120	114	108	101	94	83	70
180 SX 90/06	37,00	50	78		168	144	136	130	121	112	100	84
180 SX 90/07	44,00	60	92		196	168	159	151	141	131	116	98
180 SX 90/08	55,00	75	113,5		224	192	182	173	162	150	133	112
180 SX 90/09	66,00	90	134,5		252	216	204	194	182	168	149	126
180 SX 90/10	66,00	90	134,5		280	240	227	216	202	187	166	140
180 SX 90/11	75,00	100	149,5		308	264	250	238	222	206	183	154
180 SX 90/12	92,00	125	185		336	288	272	259	242	224	199	168
180 SX 90/13	92,00	125	185		364	312	295	281	263	243	216	182
180 SX 90/14	92,00	125	185		392	336	318	302	283	262	232	196
180 SX 90/15	110,00	150	219		420	360	341	324	303	281	249	210
180 SX 90/16	110,00	150	219		448	384	363	346	323	299	266	224
180 SX 90/17	110,00	150	219		476	408	386	367	343	318	282	238

Dimensioni di ingombro e pesi
Overall dimensions and weights

Tipo - Type	A mm Tri	B mm	C mm Tri	M kg Tri	P kg
180 SX 90/02	1409	568	841	70	16
180 SX 90/03	1763	692	1071	92	26
180 SX 90/04	1997	816	1181	100	35
180 SX 90/05	2281	940	1341	118	44
180 SX 90/06	2405	1064	1341	118	55
180 SX 90/07	2498	1188	1310	200	64
180 SX 90/08	2772	1312	1460	216	75
180 SX 90/09	3046	1436	1610	260	86
180 SX 90/10	3170	1560	1610	260	96
180 SX 90/11	3394	1684	1710	286	105
180 SX 90/12	3668	1808	1860	310	114
180 SX 90/13	3792	1932	1860	310	125
180 SX 90/14	3916	2056	1860	310	134
180 SX 90/15	3940	2180	1760	415	144
180 SX 90/16	4064	2304	1760	415	156
180 SX 90/17	4188	2428	1760	415	162

180 SX 102

Tolleranze secondo - Tollerance according to - Tolérance sulvant - Tolerancias segùn norma - EN UNI-ISO 9906 - 8"(200mm)

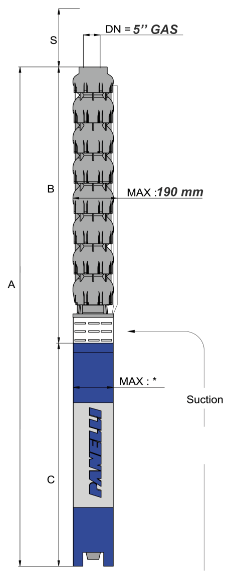


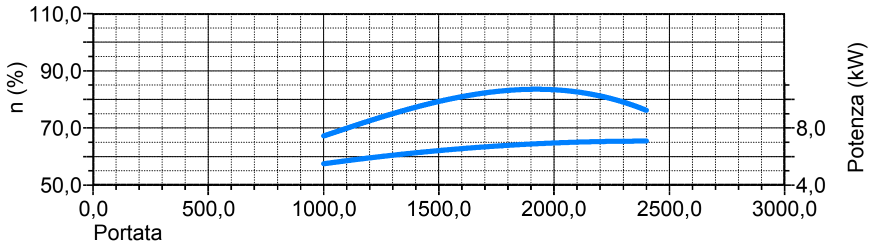
H = Prevalenza totale. **Da 13 a 338 m**
Q = Portata. **Da 1000 a 2400 l/min**
n% = Rendimento della pompa. **Max 83,3 %**
kw/st = Assorbim. per stadio. **Max 7,10**
Massimo contenuto di sabbia. **50 g/m³**
S = Battente minimo (m) **Max 1**

H = Total head. **From 13 to 338 m**
Q = Capacity. **From 1000 to 2400 l/min**
n% = Pump efficency. **Max 83,3 %**
kw/st = Stage absorption. **Max 7,10**
Maximum sand content **50 g/m³**
S = Minimum head (m) **Max 1**

H = hauter manometrique. **From 13 to 338 m**
Q = Débit. **From 1000 to 2400 l/min**
n% = Rendement de la pompe. **Max 83,3 %**
kw/st = Absorption par étage. **Max 7,10**
Contenu maximal de sable. **50 g/m³**
S = Niveau minimal (m). **Max 1**

H =Altura manométrica. **Da 13 a 338 m**
Q = Caudal. **De 1000 a 2400 l/min**
n% = Rendimiento de la bomba. **Max 83,3 %**
kw/st = Potencia absorbida por etapa. **Max 7,10**
Condenito màximo de arena. **50 g/m³**
S = Nivel minimo (m) **Max 1**





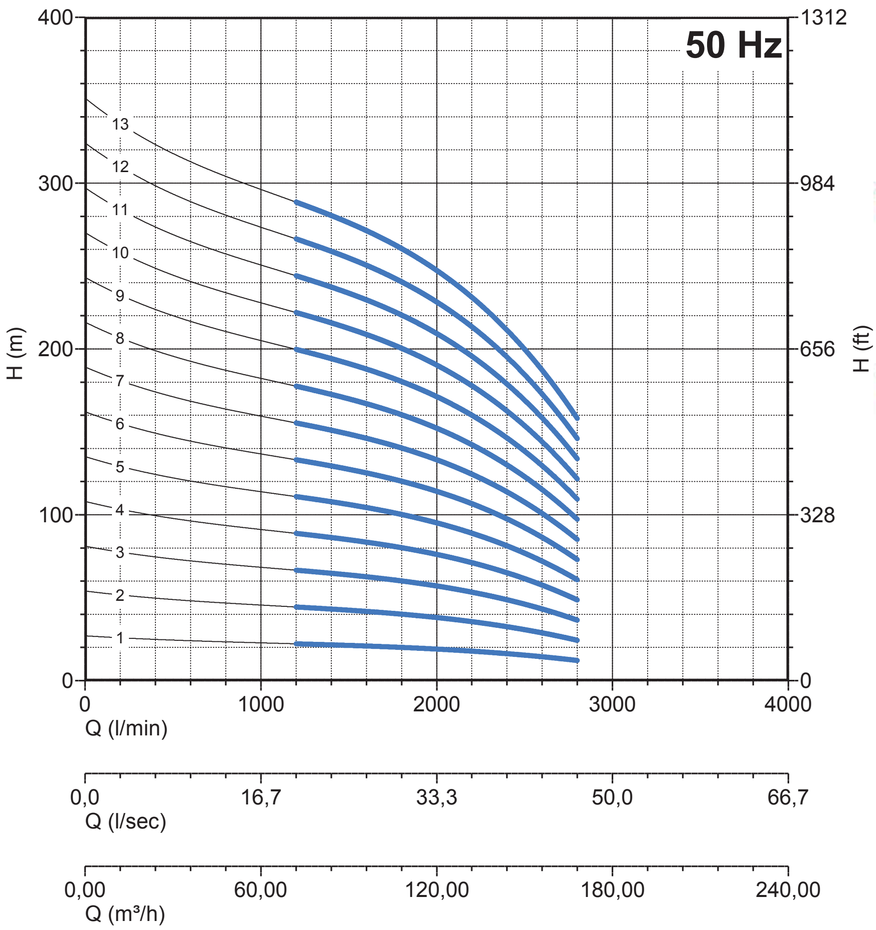
Motore - Motor - Moteur Caratteristiche a 2900 rpm					Q=Portata - Capacity - Debit								
Tipo - Type	Power		V 400	l/min	0	1000	1200	1400	1600	1800	2000	2200	2400
				l/sec	0,00	16,67	20,00	23,33	26,67	30,00	33,33	36,67	40,00
	kW	HP	A	m³/h	0,0	60,0	72,0	84,0	96,0	108,0	120,0	132,0	144,0
180 SX 102/01	7,50	10	17,5		28	23	22	22	21	19	18	16	13
180 SX 102/02	15,00	20	32		55	45	44	43	41	39	36	32	26
180 SX 102/03	22,00	30	47,5		83	68	66	65	62	58	53	47	39
180 SX 102/04	30,00	40	62,5		110	90	88	86	82	77	71	63	53
180 SX 102/05	37,00	50	78		138	113	110	108	103	96	89	79	66
180 SX 102/06	44,00	60	92		165	135	132	129	123	116	107	95	79
180 SX 102/07	55,00	75	113,5		193	158	154	151	144	135	124	110	92
180 SX 102/08	66,00	90	134,5	H[m]	220	180	176	172	164	154	142	126	105
180 SX 102/09	75,00	100	149,5		248	203	198	194	185	173	160	142	118
180 SX 102/10	75,00	100	149,5		275	225	220	215	205	193	178	158	132
180 SX 102/11	92,00	125	185		303	248	242	237	226	212	195	173	145
180 SX 102/12	92,00	125	185		330	270	264	258	246	231	213	189	158
180 SX 102/13	92,00	125	185		358	293	286	280	267	250	231	205	171
180 SX 102/14	110,00	150	219		385	315	308	301	287	270	249	221	184
180 SX 102/15	110,00	150	219		413	338	330	323	308	289	266	236	197

Dimensioni di ingombro e pesi
Overall dimensions and weights

Tipo - Type	A mm Tri	B mm	C mm Tri	M kg Tri	P kg
180 SX 102/01	1145	444	701	55	17
180 SX 102/02	1499	568	931	75	24
180 SX 102/03	1763	692	1071	92	31
180 SX 102/04	2067	816	1251	108	38
180 SX 102/05	2281	940	1341	118	45
180 SX 102/06	2374	1064	1310	200	52
180 SX 102/07	2648	1188	1460	216	59
180 SX 102/08	2922	1312	1610	260	65
180 SX 102/09	3146	1436	1710	286	73
180 SX 102/10	3270	1560	1710	286	80
180 SX 102/11	3314	1684	1630	374	87
180 SX 102/12	3438	1808	1630	374	94
180 SX 102/13	3562	1932	1630	374	101
180 SX 102/14	3816	2056	1760	415	108
180 SX 102/15	3940	2180	1760	415	115

180 SX 124

Tolleranze secondo - Tollerance according to - Tolérance sulvant - Tolerancias segùn norma - EN UNI-ISO 9906 - 8"(200mm)

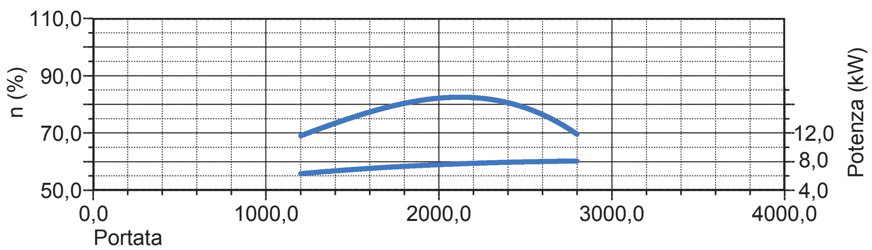


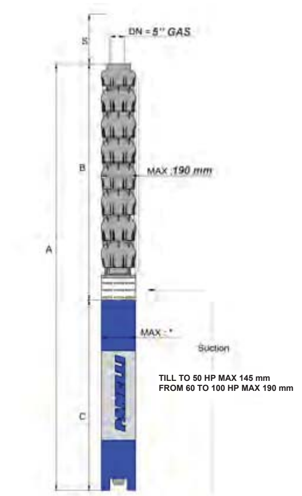
H = Prevalenza totale. **Da 12 a 293 m**
Q = Portata. **Da 1200 a 2800 l/min**
n% = Rendimento della pompa. **Max 82,2 %**
kw/st = Assorbim. per stadio. **Max 8,10**
Massimo contenuto di sabbia. **50 g/m³**
S = Battente minimo (m) **Max 1**

H = Total head. **From 12 to 293 m**
Q = Capacity. **From 1200 to 2800 l/min**
n% = Pump efficency. **Max 82,2 %**
kw/st = Stage absorption. **Max 8,10**
Maximum sand content **50 g/m³**
S = Minimum head (m) **Max 1**

H = hauter manometrique. **From 12 to 293 m**
Q = Débit. **From 1200 to 2800 l/min**
n% = Rendement de la pompe. **Max 82,2 %**
kw/st = Absorption par étage. **Max 8,10**
Contenu maximal de sable. **50 g/m³**
S = Niveau minimal (m). **Max 1**

H =Altura manométrica. **Da 12 a 293 m**
Q = Caudal. **De 1200 a 2800 l/min**
n% = Rendimiento de la bomba. **Max 82,2 %**
kw/st = Potencia absorbida por etapa. **Max 8,10**
Condenito màximo de arena. **50 g/m³**
S = Nivel minimo (m) **Max 1**



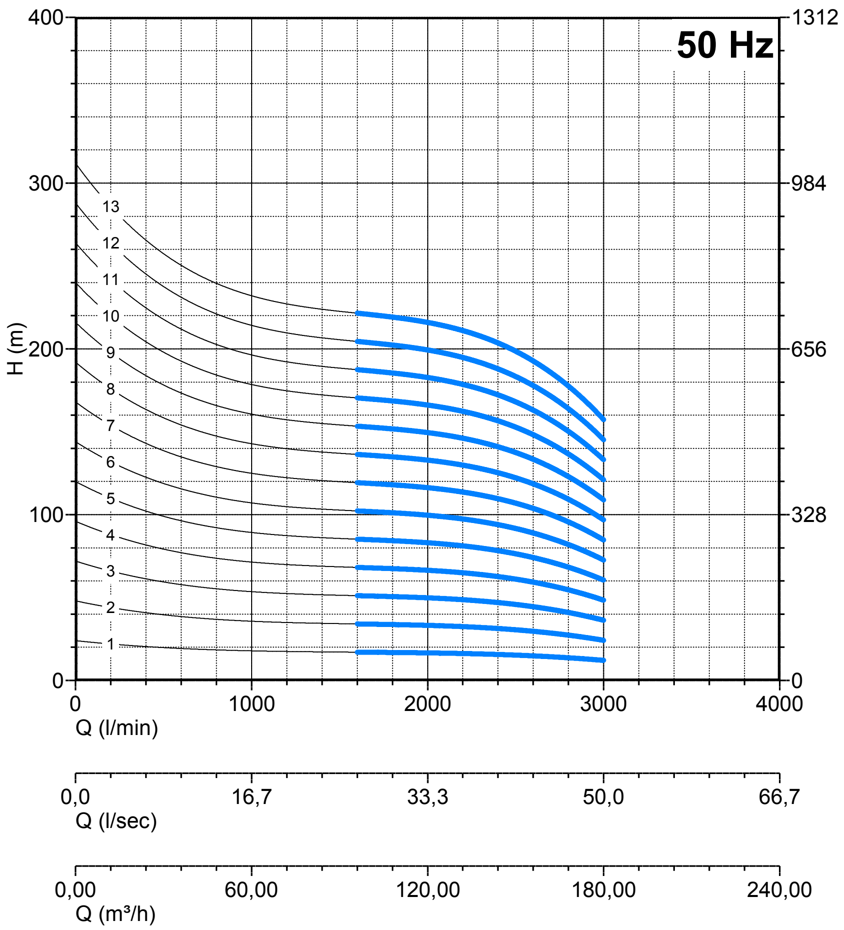


Motore - Motor - Moteur Caratteristiche a 2900 rpm					Q=Portata - Capacity - Debit									
Tipo - Type	Power		V 400	l/min	0	1200	1400	1600	1800	2000	2200	2400	2600	2800
				l/sec	0,00	20,00	23,33	26,67	30,00	33,33	36,67	40,00	43,33	46,67
	kW	HP	A	m³/h	0,0	72,0	84,0	96,0	108,0	120,0	132,0	144,0	156,0	168,0
180 SX 124/01	9,20	12,5	21	H[m]	27	23	22	21	20	19	18	16	15	12
180 SX 124/02	18,50	25	40		54	45	43	41	40	38	36	33	29	24
180 SX 124/03	26,00	35	55		81	68	65	62	59	57	54	49	44	36
180 SX 124/04	37,00	50	78		108	90	86	83	79	76	72	66	58	48
180 SX 124/05	44,00	60	92		135	113	108	104	99	95	90	82	73	60
180 SX 124/06	55,00	75	113,5		162	135	129	124	119	114	108	98	87	72
180 SX 124/07	75,00	100	149,5		189	158	151	145	138	133	126	115	102	84
180 SX 124/08	75,00	100	149,5		216	180	172	166	158	152	144	131	116	96
180 SX 124/09	75,00	100	149,5		243	203	194	186	178	171	162	148	131	108
180 SX 124/10	92,00	125	185		270	225	215	207	198	190	180	164	145	120
180 SX 124/11	92,00	125	185		297	248	237	228	217	209	198	180	160	132
180 SX 124/12	110,00	150	219		324	270	258	248	237	228	216	197	174	144
180 SX 124/13	110,00	150	219		351	293	280	269	257	247	234	213	189	156

Dimensioni di ingombro e pesi Overall dimensions and weights					
Tipo - Type	A mm Tri	B mm	C mm Tri	M kg Tri	P kg
180 SX 124/01	1205	454	751	60	18
180 SX 124/02	1569	578	991	83	36
180 SX 124/03	1883	702	1181	100	54
180 SX 124/04	2167	826	1341	118	70
180 SX 124/05	2260	950	1310	200	88
180 SX 124/06	2534	1074	1460	216	105
180 SX 124/07	2908	1198	1710	286	123
180 SX 124/08	3032	1322	1710	286	140
180 SX 124/09	3156	1446	1710	286	160
180 SX 124/10	3200	1570	1630	374	180
180 SX 124/11	3324	1694	1630	374	200
180 SX 124/12	3578	1818	1760	415	219
180 SX 124/13	3702	1942	1760	415	238

180 SX 140

Tolleranze secondo - Tollerance according to - Tolérance sulvant - Tolerancias segùn norma - EN UNI-ISO 9906 - 8" (200 mm)

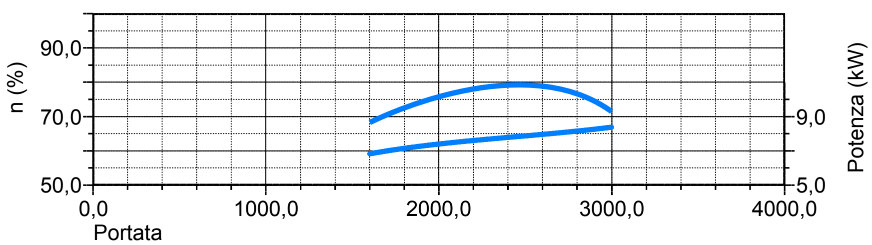


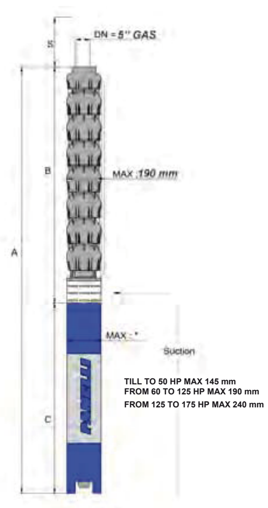
H = Prevalenza totale. **Da 12 a 224 m**
Q = Portata. **Da 1600 a 3000 l/min**
n% = Rendimento della pompa. **Max 79,5 %**
kw/st = Assorbim. per stadio. **Max 8,35**
Massimo contenuto di sabbia. **50 g/m³**
S = Battente minimo (m) **Max 1**

H = Total head. **From 12 to 224 m**
Q = Capacity. **From 1600 to 3000 l/min**
n% = Pump efficency. **Max 79,5 %**
kw/st = Stage absorption. **Max 8,35**
Maximum sand content **50 g/m³**
S = Minimum head (m) **Max 1**

H = hauter manométrique. **From 12 to 224 m**
Q = Débit. **From 1600 to 3000 l/min**
n% = Rendement de la pompe. **Max 79,5 %**
kw/st = Absorption par étage. **Max 8,35**
Contenu maximal de sable. **50 g/m³**
S = Niveau minimal (m). **Max 1**

H =Altura manométrica. **Da 12 a 224 m**
Q = Caudal. **De 1600 a 3000 l/min**
n% = Rendimiento de la bomba. **Max 79,5 %**
kw/st = Potencia absorbida por etapa. **Max 8,35**
Condenito màximo de arena. **50 g/m³**
S = Nivel minimo (m) **Max 1**



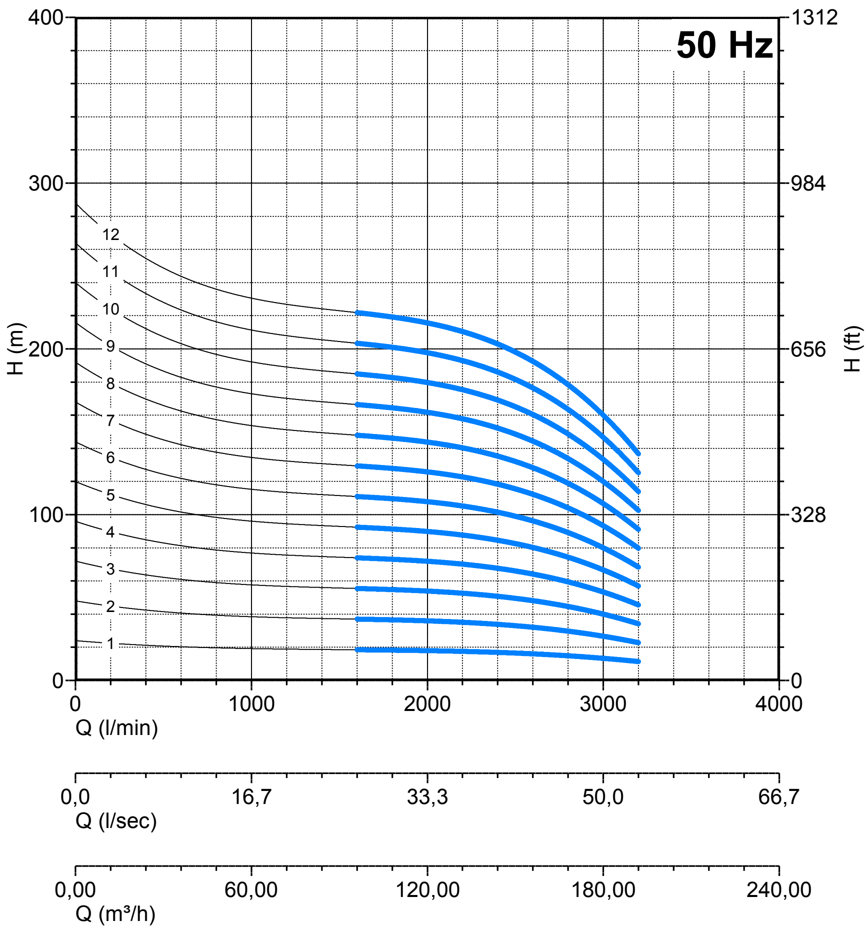


Motore - Motor - Moteur Caratteristiche a 2900 rpm					Q=Portata - Capacity - Debit								
Tipo - Type	Power		V 400	l/min	0	1600	1800	2000	2200	2400	2600	2800	3000
				l/sec	0,00	26,67	30,00	33,33	36,67	40,00	43,33	46,67	50,00
	kW	HP	A	m³/h	0,0	96,0	108,0	120,0	132,0	144,0	156,0	168,0	180,0
180 SX 140/01	9,20	12,5	21		24	17	17	16	16	16	15	14	12
180 SX 140/02	18,50	25	40		48	34	34	33	32	32	30	28	24
180 SX 140/03	26,00	35	55		72	52	50	49	49	47	44	41	36
180 SX 140/04	37,00	50	78		96	69	67	66	65	63	59	55	48
180 SX 140/05	44,00	60	92		120	86	84	82	81	79	74	69	60
180 SX 140/06	55,00	75	113,5		144	103	101	98	97	95	89	83	72
180 SX 140/07	66,00	90	134,5	H[m]	168	120	118	115	113	111	104	97	84
180 SX 140/08	66,00	90	134,5		192	138	134	131	130	126	118	110	96
180 SX 140/09	75,00	100	149,5		216	155	151	148	146	142	133	124	108
180 SX 140/10	92,00	125	185		240	172	168	164	162	158	148	138	120
180 SX 140/11	92,00	125	185		264	189	185	180	178	174	163	152	132
180 SX 140/12	110,00	150	219		288	206	202	197	194	190	178	166	144
180 SX 140/13	110,00	150	219		312	224	218	213	211	205	192	179	156

Dimensioni di ingombro e pesi Overall dimensions and weights					
Tipo - Type	A mm Tri	B mm	C mm Tri	M kg Tri	P kg
180 SX 140/01	1231	480	751	60	13
180 SX 140/02	1621	630	991	83	18
180 SX 140/03	1961	780	1181	100	23
180 SX 140/04	2271	930	1341	118	28
180 SX 140/05	2390	1080	1310	200	33
180 SX 140/06	2690	1230	1460	216	38
180 SX 140/07	2990	1380	1610	260	42
180 SX 140/08	3140	1530	1610	260	49
180 SX 140/09	3390	1680	1710	286	53
180 SX 140/10	3690	1830	1860	310	57
180 SX 140/11	3840	1980	1860	310	61
180 SX 140/12	3890	2130	1760	415	66
180 SX 140/13	4040	2280	1760	415	73

180 SX 160

Tolleranze secondo - Tollerance according to - Tolérance sulvant - Tolerancias segùn norma - EN UNI-ISO 9906 - 8" (200 mm)

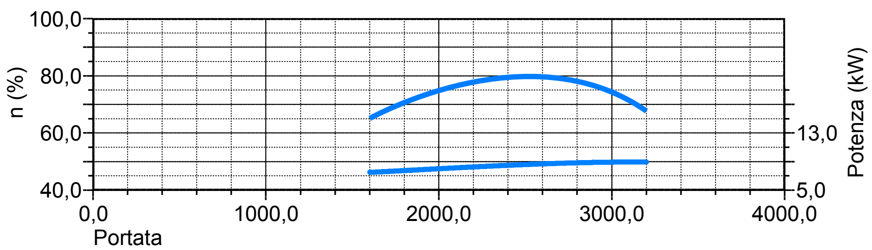


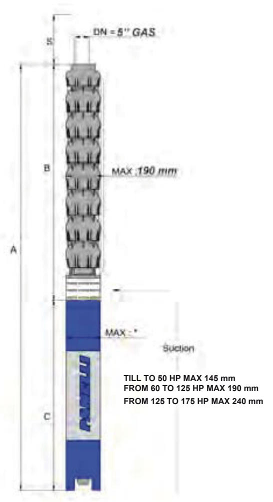
H = Prevalenza totale. **Da 11,5 a 218 m**
Q = Portata. **Da 1800 a 3200 l/min**
n% = Rendimento della pompa. **Max 80,0 %**
kw/st = Assorbim. per stadio. **Max 9,00**
Massimo contenuto di sabbia. **50 g/m³**
S = Battente minimo (m) **Max 1**

H = Total head. **From 11,5 to 218 m**
Q = Capacity. **From 1800 to 3200 l/min**
n% = Pump efficency. **Max 80,0 %**
kw/st = Stage absorption. **Max 9,00**
Maximum sand content **50 g/m³**
S = Minimum head (m) **Max 1**

H = hauter manometrique. **From 11,5 to 218 m**
Q = Débit. **From 1800 to 3200 l/min**
n% = Rendement de la pompe. **Max 80,0 %**
kw/st = Absorption par étage. **Max 9,00**
Contenu maximal de sable. **50 g/m³**
S = Niveau minimal (m). **Max 1**

H =Altura manométrica. **Da 11,5 a 218 m**
Q = Caudal. **De 1800 a 3200 l/min**
n% = Rendimiento de la bomba. **Max 80,0 %**
kw/st = Potencia absorbida por etapa. **Max 9,00**
Condenito màximo de arena. **50 g/m³**
S = Nivel minimo (m) **Max 1**



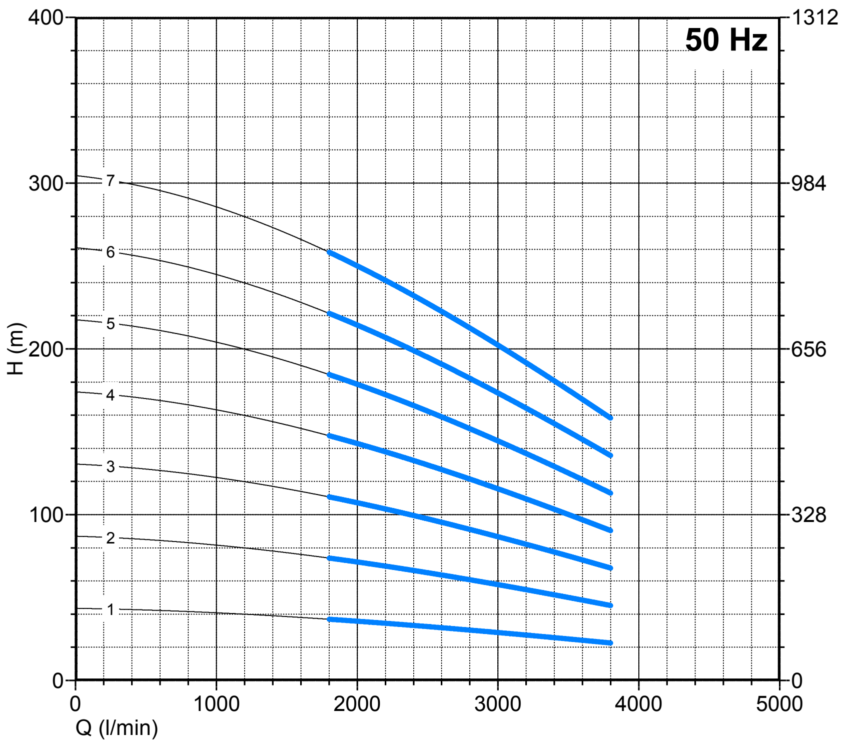


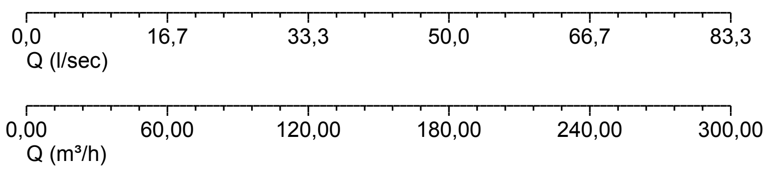
Tipo - Type	Motore - Motor - Moteur Caratteristiche a 2900 rpm			l/min	Q=Portata - Capacity - Debit									
	Power		V 400	l/sec	0,00	26,67	30,00	33,33	36,67	40,00	43,33	46,67	50,00	53,33
	kW	HP	A	m³/h	0,0	96,0	108,0	120,0	132,0	144,0	156,0	168,0	180,0	192,0
				l/min	0	1600	1800	2000	2200	2400	2600	2800	3000	3200
180 SX 160/01	9,20	12,5	21	H[m]	24	19	18	18	18	17	16	15	13	12
180 SX 160/02	18,50	25	40		48	37	36	36	35	34	32	29	26	23
180 SX 160/03	30,00	40	62,5		72	56	55	54	53	51	49	44	40	35
180 SX 160/04	37,00	50	78		96	74	73	72	70	68	65	59	53	46
180 SX 160/05	44,00	60	92		120	93	91	90	88	85	81	74	66	58
180 SX 160/06	55,00	75	113,5		144	111	109	108	105	102	97	88	79	69
180 SX 160/07	66,00	90	134,5		168	130	127	126	123	119	113	103	92	81
180 SX 160/08	75,00	100	149,5		192	148	146	144	140	136	130	118	106	92
180 SX 160/09	92,00	125	185		216	167	164	162	158	153	146	132	119	104
180 SX 160/10	92,00	125	185		240	185	182	180	175	170	162	147	132	115
180 SX 160/11	110,00	150	219		264	204	200	198	193	187	178	162	145	127
180 SX 160/12	110,00	150	219		288	222	218	216	210	204	194	176	158	138

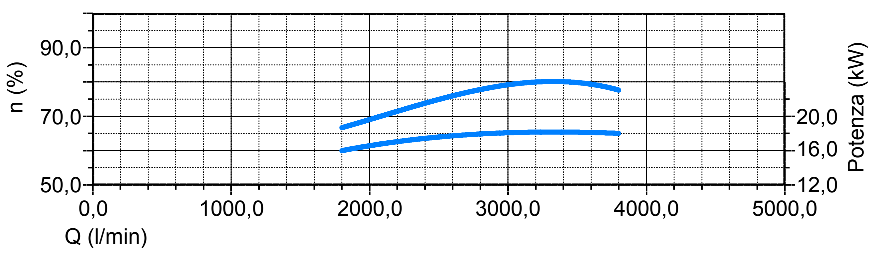
Dimensioni di ingombro e pesi
Overall dimensions and weights

Tipo - Type	A mm Tri	B mm	C mm Tri	M kg Tri	P kg
180 SX 160/01	1231	480	751	60	13
180 SX 160/02	1621	630	991	83	18
180 SX 160/03	2031	780	1251	108	23
180 SX 160/04	2271	930	1341	118	28
180 SX 160/05	2390	1080	1310	200	33
180 SX 160/06	2690	1230	1460	216	38
180 SX 160/07	2990	1380	1610	260	42
180 SX 160/08	3240	1530	1710	286	47
180 SX 160/09	3540	1680	1860	310	53
180 SX 160/10	3690	1830	1860	310	58
180 SX 160/11	3740	1980	1760	415	63
180 SX 160/12	3890	2130	1760	415	69

230 SX 200





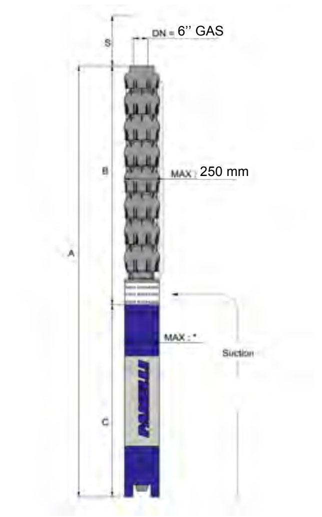


H = Prevalenza totale. **Da 23 a 259 m**
Q = Portata. **Da 1800 a 3800 l/min**
n% = Rendimento della pompa. **Max 80,5 %**
kw/st = Assorbim. per stadio. **Max 18,40**
Massimo contenuto di sabbia. **50 g/m³**
S = Battente minimo (m) **Max 1**

H = Total head. **From 23 to 259 m**
Q = Capacity. **From 1800 to 3800 l/min**
n% = Pump efficency. **Max 80,5 %**
kw/st = Stage absorption. **Max 18,40**
Maximum sand content **50 g/m³**
S = Minimum head (m) **Max 1**

H = hauter manometrique. **From 23 to 259 m**
Q = Débit. **From 1800 to 3800 l/min**
n% = Rendement de la pompe. **Max 80,5 %**
kw/st = Absorption par étage. **Max 18,40**
Contenu maximal de sable. **50 g/m³**
S = Niveau minimal (m). **Max 1**

H =Altura manométrica. **Da 23 a 259 m**
Q = Caudal. **De 1800 a 3800 l/min**
n% = Rendimiento de la bomba. **Max 80,5 %**
kw/st = Potencia absorbida por etapa. **Max 18,40**
Condenito màximo de arena. **50 g/m³**
S = Nivel mìnimo (m) **Max 1**



Tipo - Type	Motore - Motor - Moteur Caratteristiche a 2900 rpm				Q=Portata - Capacity - Debit							
	Power		V 400	l/min	0	1800	2200	2600	3000	3400	3800
				l/sec	0,00	30,00	36,67	43,33	50,00	56,67	63,33
	kW	HP	A	m³/h	0,0	108,0	132,0	156,0	180,0	204,0	228,0
230 SX 200/01	18,50	25	40	H[m]	44	37	35	32	29	26	23
230 SX 200/02	37,00	50	78	H[m]	87	74	69	63	58	52	45
230 SX 200/03	55,00	75	113,5	H[m]	131	111	104	95	87	78	68
230 SX 200/04	75,00	100	149,5	H[m]	174	148	138	126	116	104	90
230 SX 200/05	92,00	125	185	H[m]	218	185	173	158	145	130	113
230 SX 200/06	110,00	150	219	H[m]	261	222	207	189	174	156	135
230 SX 200/07	129,00	175	290	H[m]	305	259	242	221	203	182	158

Dimensioni di ingombro e pesi
Overall dimensions and weights

Tipo - Type	A mm Tri	B mm	C mm Tri	M kg Tri	P kg
230 SX 200/01	1546	555	991	83	45
230 SX 200/02	1965	735	1230	190	60
230 SX 200/03	2375	915	1460	216	75
230 SX 200/04	2805	1095	1710	286	90
230 SX 200/05	3135	1275	1860	310	105
230 SX 200/06	3215	1455	1760	415	125
230 SX 200/07	3545	1635	1910	480	145

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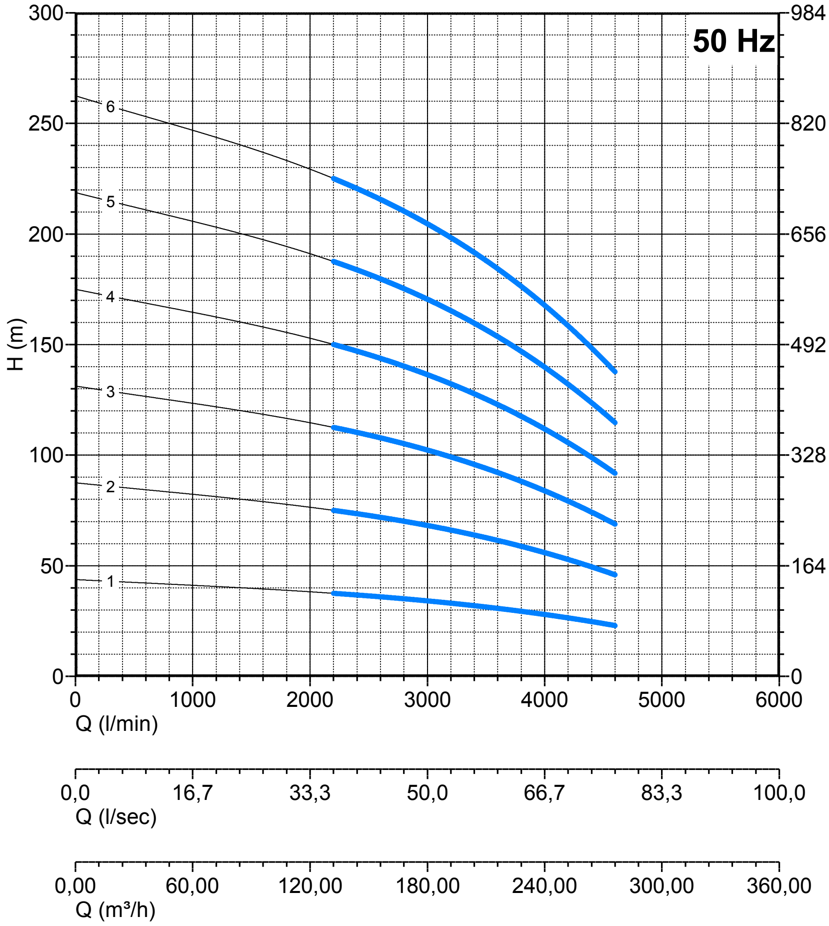
230 SX 220

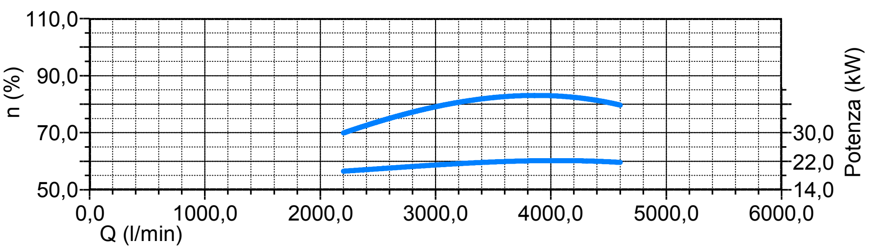


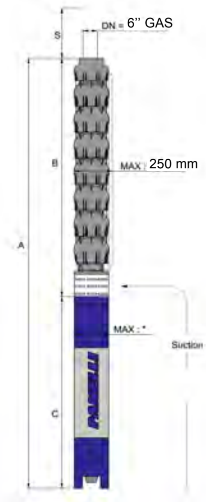
H = Prevalenza totale. **Da 23 a 225 m**
Q = Portata. **Da 2200 a 4600 l/min**
n% = Rendimento della pompa. **Max 83,5 %**
kw/st = Assorbim. per stadio. **Max 22,00**
Massimo contenuto di sabbia. **50 g/m³**
S = Battente minimo (m) **Max 1**

H = Total head. **From 23 to 225 m**
Q = Capacity. **From 2200 to 4600 l/min**
n% = Pump efficency. **Max 83,5 %**
kw/st = Stage absorption. **Max 22,00**
Maximum sand content **50 g/m³**
S = Minimum head (m) **Max 1**

H = hauter manometrique. **From 23 to 225 m**
Q = Débit. **From 2200 to 4600 l/min**
n% = Rendement de la pompe. **Max 83,5 %**
kw/st = Absorption par étage. **Max 22,00**
Contenu maximal de sable. **50 g/m³**
S = Niveau minimal (m). **Max 1**

H =Altura manométrica. **Da 23 a 225 m**
Q = Caudal. **De 2200 a 4600 l/min**
n% = Rendimiento de la bomba. **Max 83,5 %**
kw/st = Potencia absorbida por etapa. **Max 22,00**
Condenito màximo de arena. **50 g/m³**
S = Nivel minimo (m) **Max 1**

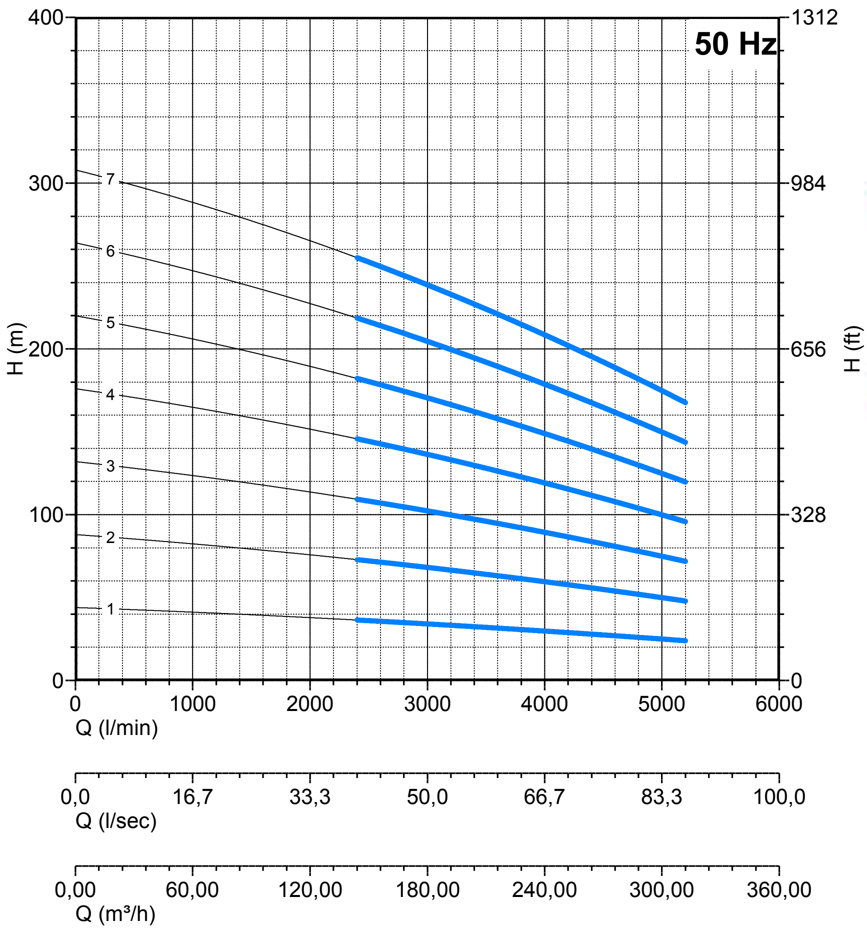


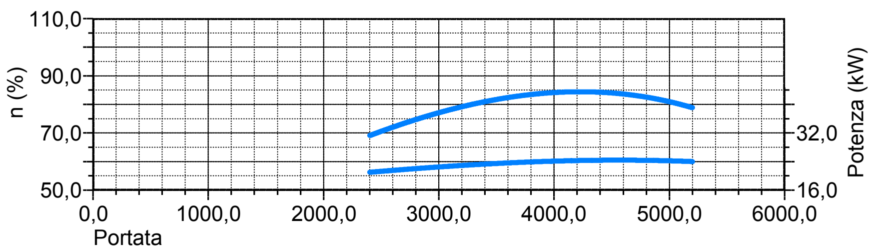


Motore - Motor - Moteur Caratteristiche a 2900 rpm					Q=Portata - Capacity - Debit							
Tipo - Type	Power		V 400	l/min	0	2200	2600	3000	3400	3800	4200	4600
				l/sec	0,00	36,67	43,33	50,00	56,67	63,33	70,00	76,67
	kW	HP	A	m³/h	0,0	132,0	156,0	180,0	204,0	228,0	252,0	276,0
230 SX 220/01	22,00	30	47,5	H[m]	44	38	36	34	32	30	26	23
230 SX 220/02	44,00	60	92		88	75	72	68	64	59	53	46
230 SX 220/03	66,00	90	134,5		131	113	108	102	96	89	79	69
230 SX 220/04	92,00	125	185		175	150	144	136	128	118	105	92
230 SX 220/05	110,00	150	219		219	188	180	170	160	148	131	115
230 SX 220/06	129,00	175	254		263	225	216	204	192	177	158	138

Dimensioni di ingombro e pesi Overall dimensions and weights					
Tipo - Type	A mm Tri	B mm	C mm Tri	M kg Tri	P kg
230 SX 220/01	1626	555	1071	92	45
230 SX 220/02	2045	735	1310	200	60
230 SX 220/03	2525	915	1610	260	75
230 SX 220/04	2955	1095	1860	310	90
230 SX 220/05	3035	1275	1760	415	105
230 SX 220/06	3365	1455	1910	480	125

230 SX 240



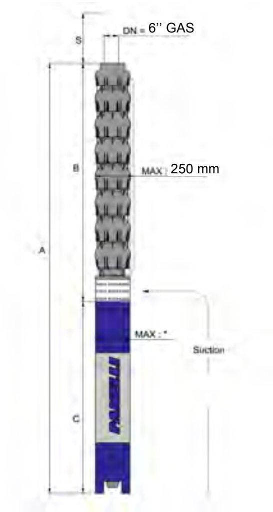


H = Prevalenza totale. **Da 24 a 256 m**
Q = Portata. **Da 2400 a 5200 l/min**
n% = Rendimento della pompa. **Max 84,5 %**
kw/st = Assorbim. per stadio. **Max 24,50**
Massimo contenuto di sabbia. **50 g/m³**
S = Battente minimo (m) **Max 1**

H = Total head. **From 24 to 256 m**
Q = Capacity. **From 2400 to 5200 l/min**
n% = Pump efficency. **Max 84,5 %**
kw/st = Stage absorption. **Max 24,50**
Maximum sand content **50 g/m³**
S = Minimum head (m) **Max 1**

H = hauter manométrique. **From 24 to 256 m**
Q = Débit. **From 2400 to 5200 l/min**
n% = Rendement de la pompe. **Max 84,5 %**
kw/st = Absorption par étage. **Max 24,50**
Contenu maximal de sable. **50 g/m³**
S = Niveau minimal (m). **Max 1**

H =Altura manométrica. **Da 24 a 256 m**
Q = Caudal. **De 2400 a 5200 l/min**
n% = Rendimiento de la bomba. **Max 84,5 %**
kw/st = Potencia absorbida por etapa. **Max 24,50**
Condenito màximo de arena. **50 g/m³**
S = Nivel minimo (m) **Max 1**



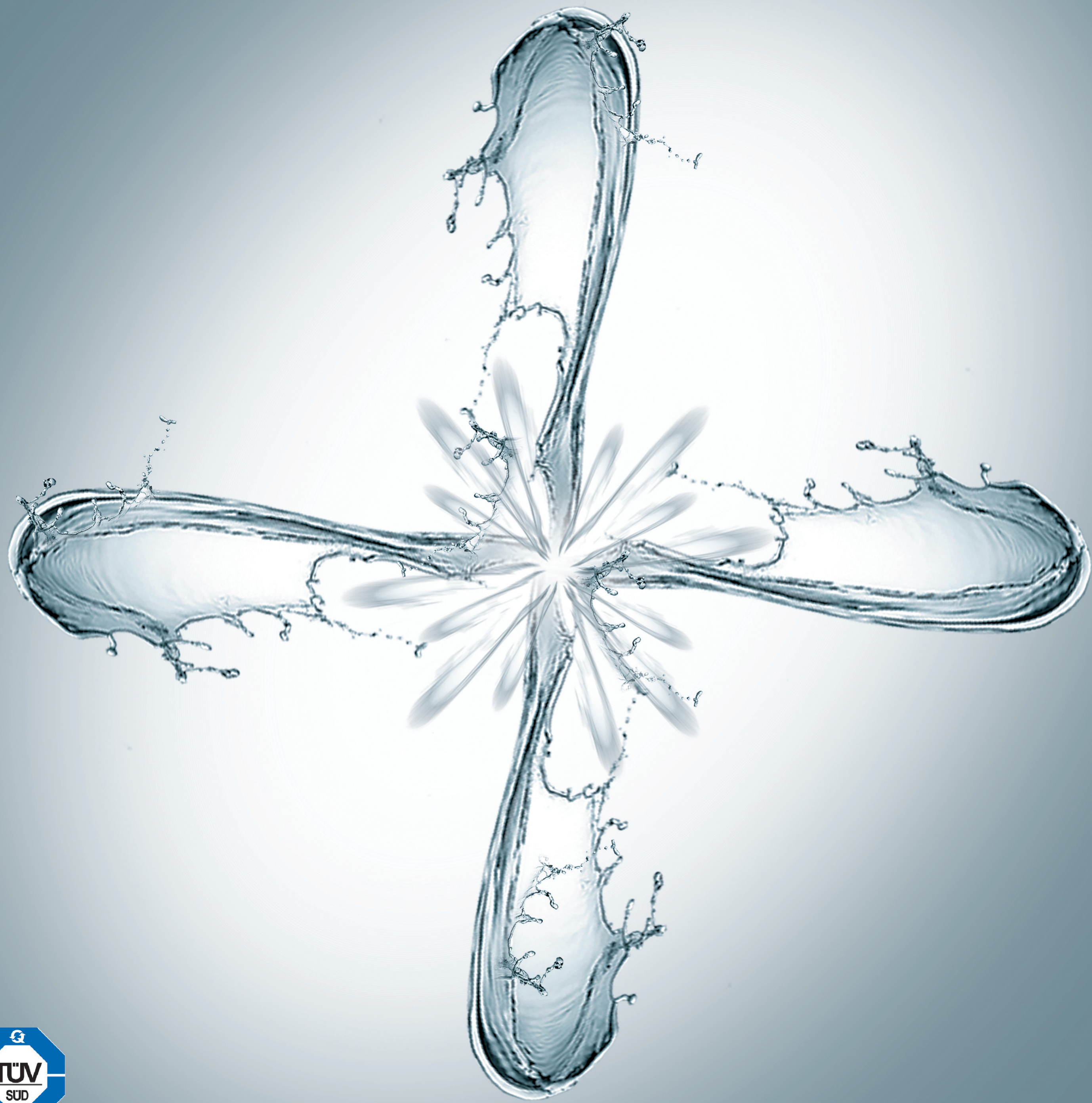
Tipo - Type	Motore - Motor - Moteur Caratteristiche a 2900 rpm				Q=Portata - Capacity - Debit								
	Power		V 400	l/min	0	2400	2800	3200	3600	4000	4400	4800	5200
				l/sec	0,00	40,00	46,67	53,33	60,00	66,67	73,33	80,00	86,67
	kW	HP	A	m³/h	0,0	144,0	168,0	192,0	216,0	240,0	264,0	288,0	312,0
230 SX 240/01	26,00	35	55	H[m]	44	37	35	34	32	30	28	26	24
230 SX 240/02	55,00	75	113,5		88	73	69	67	64	59	56	52	48
230 SX 240/03	75,00	100	149,5		132	110	104	101	96	89	83	78	72
230 SX 240/04	110,00	150	219		176	146	138	134	128	118	111	104	96
230 SX 240/05	126,00	175	254,5		220	183	173	168	160	148	139	130	120
230 SX 240/06	147,00	200	290		264	219	207	201	192	177	167	156	144
230 SX 240/07	184,00	250	386		308	256	242	235	224	207	194	182	168

Dimensioni di ingombro e pesi
Overall dimensions and weights

Tipo - Type	A mm Tri	B mm	C mm Tri	M kg Tri	P kg
230 SX 240/01	1736	555	1181	100	45
230 SX 240/02	2195	735	1460	216	60
230 SX 240/03	2625	915	1710	286	75
230 SX 240/04	2855	1095	1760	415	90
230 SX 240/05	3185	1275	1910	450	105
230 SX 240/06	3405	1455	1950	480	125
230 SX 240/07	0	1635	0	0	150

SUBWATER IS NOTHING WITHOUT MORE CAPACITY

SEMIASSIALI



PANELLI®

ELETTROPOMPE SOMMERSE - ELECTRIC SUBMERSIBLE PUMPS - ELECTROPOMPES IMMERGEES - ELECTROBOMBAS SUMERGIDAS

SEMIASSIALI, SEMIAXIAL IMPELLER. 6" 8" 10" 12"

SEMIASSIALI 6" 8" 10" 12"

CE Tolleranze secondo
Tollerance according to - *Tolérances selon*
Tolerancias según norma EN UNI-ISO 9906

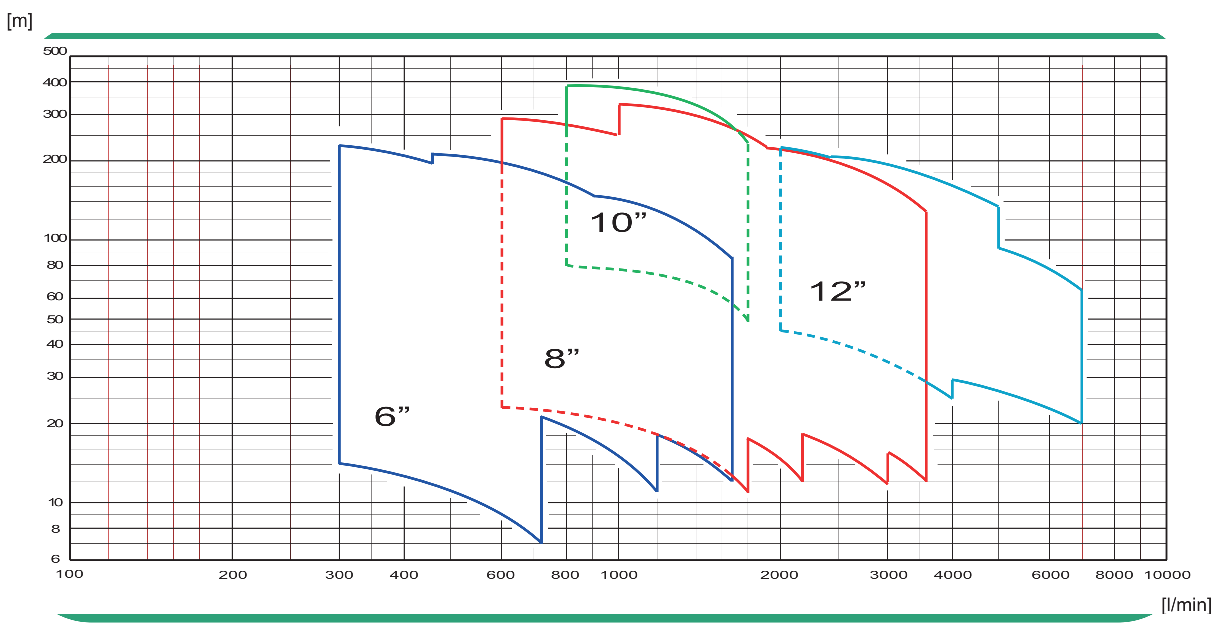
SEMIASSIALI

ELETTROPOMPE SOMMERSE SEMIASSIALI (6" - 8" - 10" - 12")

›Le pompe sommerse semiassiali sono caratterizzate da stadi formati dal corpo con il diffusore incorporato e girante semiassiale. Questo tipo di soluzione, rispetto a quella radiale, è ideale quando sono richieste, a parità di diametro, medio-alte portate con medie prevalenze. La produzione PANELLI prevede di serie pompe semiassiali per diametri di pozzo da 6"a 12".
MATERIALI ›I materiali di esecuzione standard sono: ›Girante in ghisa meccanica G25 ›Diffusore in ghisa meccanica G25 ›Aspirazione in ghisa meccanica G25 ›Valvola di ritegno incorporata ›**Inoltre, in aggiunta ai materiali della costruzione di serie, le pompe possono essere fornite in qualsiasi tipo di materiale richiesto per applicazioni particolari.**
CAMPI DI PRESTAZIONE ›Portate fino a 6.600 l/min (400 m³/h) ›Prevalenze fino a 450 m ›Potenze fino a 200 HP (147 Kw)

SEMI-AXIAL ELECTRIC SUBMERSIBLE PUMPS (6" - 8" - 10"-12")

›SThe mixed flow pumps has helicocentrifugal type impellers with diffusers integral to the bowlcasing on each stage. This pump is usually preferred when no particular well dimension and high head are required. PANELLI production offer standard semi-axial pumps from 6" to 12" well diameter.
MATERIALS ›The materials of standard execution are: ›Impeller in Mechanical Cast iron G25 ›Diffuser in Mechanical Cast iron G25 ›Delivery Bowl and Suction Cage in Mechanical Cast iron G25 › Non Return Valve included ›**Besides standard construction the pumps can be manufactured in any kind of material required for special use.**
OPERATING DATA ›Capacity up to 6.600 l/min (400 m³/h) ›Manometric head up to 450 m ›Power up to 200 HP (147 Kw)



SEMIASSIALI (6") (8") (10") (12")

ELECTROPOMPES IMMERGEES SEMI-AXIALES (6" - 8" - 10"-12")

›Les électropompes immergées Semi-Axiales sont caractérisées par des stades formés par l'élément avec le diffuseur incorporé et roue semi-axiale. Ce type de solution,par rapport à celle Radiale,est idéal lorsqu'ils sont demandés, avec le meme diamètre, des moyens et grands débits, avec une hauteur moyenne. La production PANELLI prévoit dans la gamme des pompes Semi-Axiales des diamètres de puits de 6'' à 10''.
MATERIAUX ›Les matériaux d'exécution standard sont les suivants: ›Roue en laiton et en fonte mécanique G25 ›Diffuseur en fonte mécanique G25 ›Aspiration en fonte mécanique G25 ›Clapet et retenue incorporée ›**En outre, en plus des matériaux de construction de série, les pompes peuvent être fournies en n'importe quel type de matériel selon les applications particulières.**
CHAMPS DE PERFORMANCES ›Débit jusqu'à 6.600 l/min (400 m^3/h) ›Hautuer manométrique jusqu'à 450 m ›Puissances jusqu'à 200 HP (147 Kw)

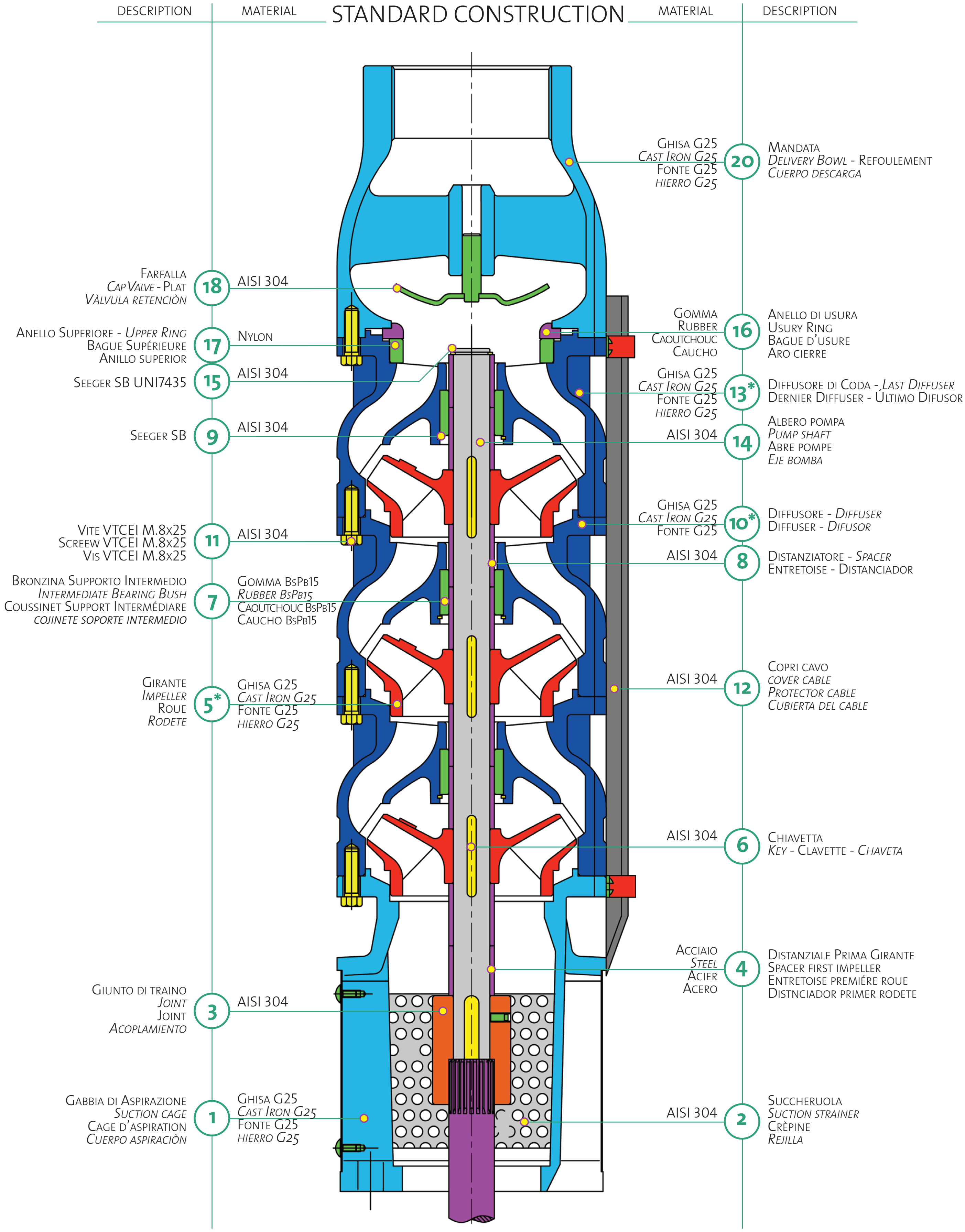
ELECTROBOMBAS SUMERGIDAS SEMI-AXIALES (6" - 8" - 10" - 12")

›Las electrobombas sumergidas semi.axiales son características por estar formadas por cuerpo con el difusor incorporado y el rodete semi-axial. Este tipo de solución,respecto a la radial ,es idónea cuando no se prefiere elevadas alturas pero sí caudales medio altos La produccion PANELLI dispone de bombas semiaxiales para pozos de diámetros de 6"à 12".
MATERIALES ›Los materiales en ejecución standard son: ›Rodete en fundición de hierro G25 ›Difusor en fundición de hierro G25 ›Aspiración e Impulsión en fundición hierro G25 ›Válvula de retención incorpoarada. **En otro, además a los materiales de la construcción de serie, las bombas pueden proporcionarse en cualquier tipo de material pedido para aplicaciones particulares.**
CAMPOS DE TRABAJO ›Caudal hasta 6.600 l/min (400 m^3/h) ›Altura manométrica hasta 450 m ›Potencias hasta 200 HP (147 Kw)

PANELLI®

SEMIASSIALI 6" 8" 10" 12"

CE Tolleranze secondo
Tolleranze according to - *Tolérances selon*
Tolerancias según norma EN UNI-ISO 9906



(*) Disponibili anche in Bronzo B10 - *Also available in Bronze B10* - En outre disponible aussi en Bronze B10

SEMIASSIALI

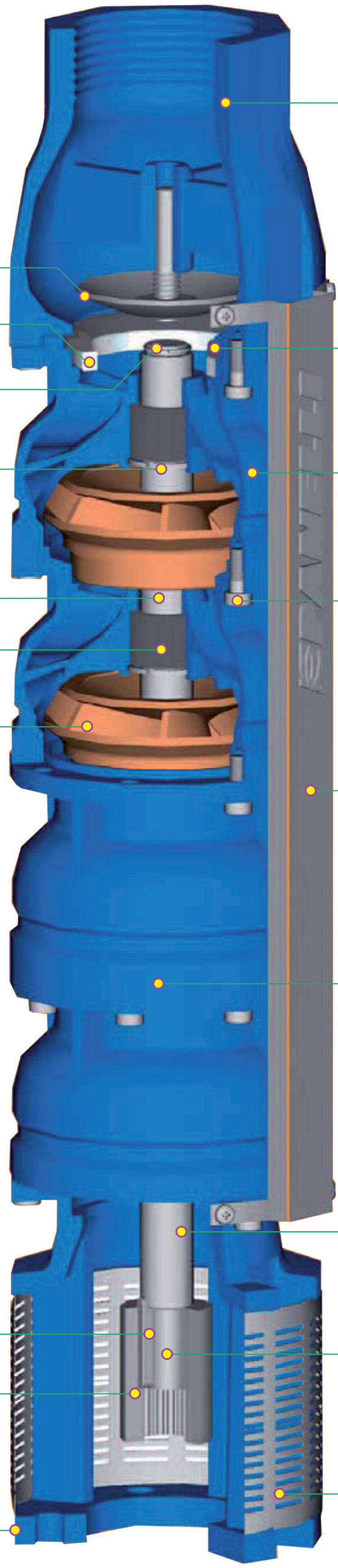
PANELLI - CATALOGO 2013_Layout 1 08/03/14 10.29 Pagina 85

PANELLI®

SEMIASSIALI 6" 8" 10" 12"

CE Tolleranze secondo
Tollerance according to - *Tolérances selon*
Tolerancias según norma EN UNI-ISO 9906

STANDARD CONSTRUCTION

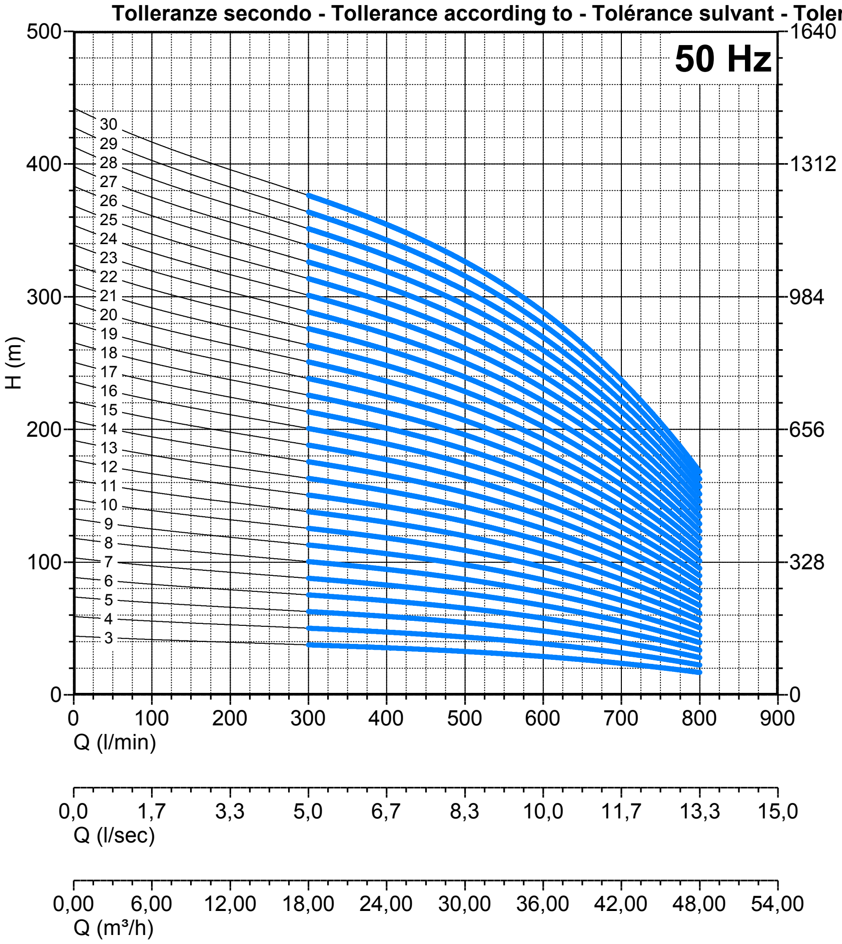


N.	Description	Material
20	Mandata - *Delivery Bowl* - Refoulement - *Cuerpo descarga*	Ghisa G25 - *Cast Iron G25* - Fonte G25 - *Hierro G25*
18	Farfalla - *Cap Valve* - Plat - *Vàlvula retenciòn*	AISI 304
16	Anello Superiore - *Upper Ring* - Bague Supérieure - Anillo superior	Nylon
17	Anello di usura - Usury Ring - Bague d'usure - Aro cierre	Gomma - Rubber - Caoutchouc - Caucho
15	Seeger SB UNI7435	AISI 304
9	Seeger SB	AISI 304
13*	Diffusore di Coda - *Last Diffuser* - Dernier Diffuser - Último Difusor	Ghisa G25 - *Cast Iron G25* - Fonte G25 - *Hierro G25*
8	Distanziatore - *Spacer* - Entretoise - Distanciador	AISI 304
11	Vite VTCEI M.8x25 - Screew VTCEI M.8x25 - Vis VTCEI M.8x25	AISI 304
7	Bronzina Supporto Intermedio - *Intermediate Bearing Bush* - Coussinet Support Intermédiare - *Cojinete soporte intermedio*	Gomma BsPb15 - *Rubber BsPb15* - Caoutchouc BsPb15 - *Caucho*
5*	Girante - *Impeller* - Roue - *Rodete*	Ghisa G25 - *Cast Iron G25* - Fonte G25 - *Hierro G25*
12	Copri cavo - *Cover cable* - *Protector cable* - *Cubierta del cable*	AISI 304
10*	Diffusore - *Diffuser* - Diffuser - *Difusor*	Ghisa G25 - *Cast Iron G25* - Fonte G25 - *Hierro G25*
4	Distanziale Prima Girante - Spacer first impeller - Entretoise premiére roue - Distnciador primer rodete	Acciaio - *Steel* - Acier - Acero
6	Chiavetta - *Key* - Clavette - *Chaveta*	AISI 304
14	Albero pompa - *Pump shaft* - Abre pompe - *Eje bomba*	AISI 304
3	Giunto di traino - *Joint* - Joint - *Acoplamiento*	AISI 304
2	Succheruola - *Suction strainer* - Crèpine - *Rejilla*	AISI 304
1	Gabbia di Aspirazione - *Suction cage* - Cage d'aspiration - *Cuerpo aspiración*	Ghisa G25 - *Cast Iron G25* - Fonte G25 - *Hierro G25*

SEMIASSIALI

PANELLI® 140 REC 34

Tolleranze secondo - Tollerance according to - Tolérance sulvant - Tolerancias segùn norma - EN UNI-ISO 9906 - 6"(150 mm)

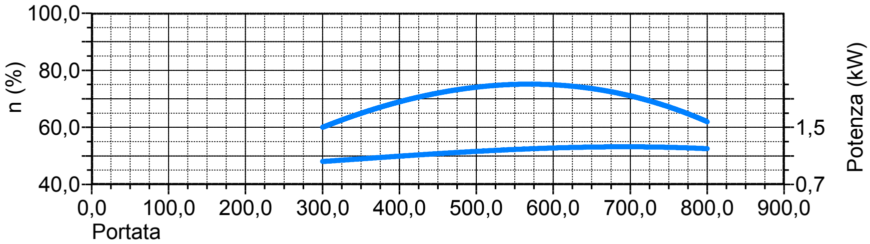


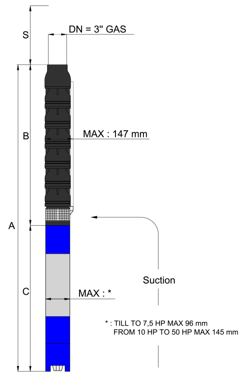
H = Prevalenza totale. **Da 17 a 375 m**
Q = Portata. **Da 300 a 800 l/min**
n% = Rendimento della pompa. **Max 75,0 %**
kw/st = Assorbim. per stadio. **Max 1,22**
Massimo contenuto di sabbia. **50 g/m³**
S = Battente minimo (m) **Max 1**

H = Total head. **From 17 to 375 m**
Q = Capacity. **From 300 to 800 l/min**
n% = Pump efficency. **Max 75,0 %**
kw/st = Stage absorption. **Max 1,22**
Maximum sand content **50 g/m³**
S = Minimum head (m) **Max 1**

H = hauter manométrique. **From 17 to 375 m**
Q = Débit. **From 300 to 800 l/min**
n% = Rendement de la pompe. **Max 75,0 %**
kw/st = Absorption par étage. **Max 1,22**
Contenu maximal de sable. **50 g/m³**
S = Niveau minimal (m). **Max 1**

H =Altura manométrica. **Da 17 a 375 m**
Q = Caudal. **De 300 a 800 l/min**
n% = Rendimiento de la bomba. **Max 75,0 %**
kw/st = Potencia absorbida por etapa. **Max 1,22**
Condenito màximo de arena. **50 g/m³**
S = Nivel minimo (m) **Max 1**





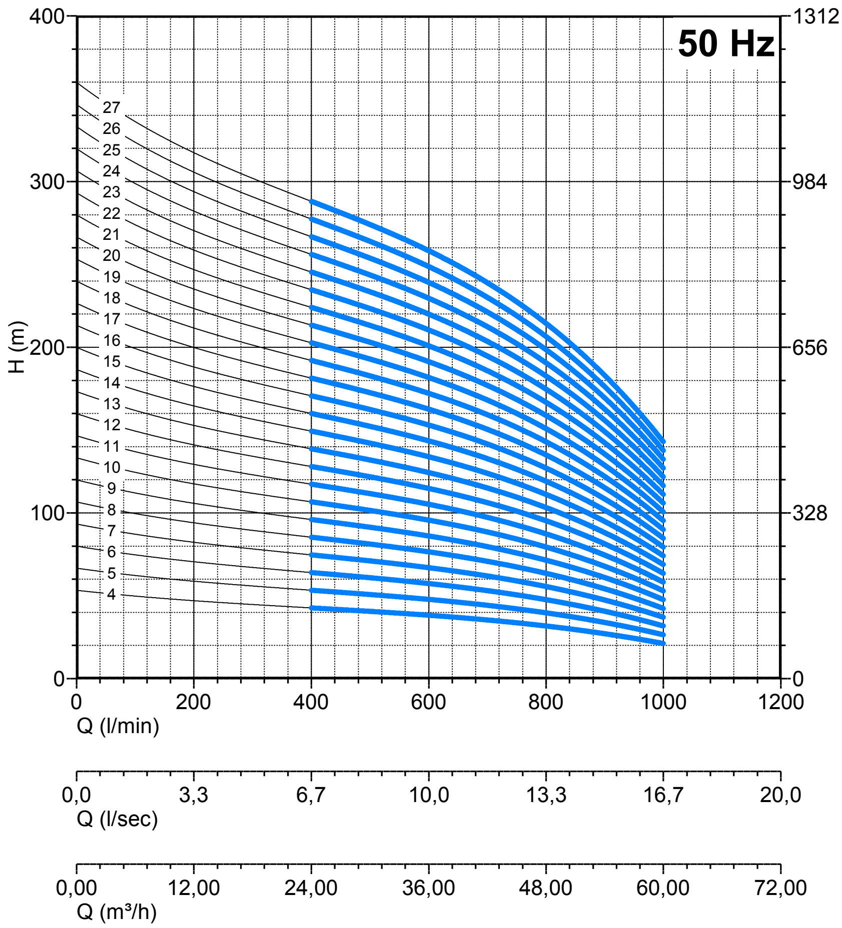
Tipo - Type	Motore - Motor - Moteur Caratteristiche a 2900 rpm Power kW	HP	V 400 A	l/min / l/sec / m³/h	Q=Portata - Capacity - Debit 0 / 0,00 / 0,0	300 / 5,00 / 18,0	400 / 6,67 / 24,0	500 / 8,33 / 30,0	600 / 10,00 / 36,0	700 / 11,67 / 42,0	800 / 13,33 / 48,0
140 REC 34/03	4,00	5,5	10	H[m]	44	38	36	33	29	24	17
140 REC 34/04	5,50	7,5	12,5		59	50	48	44	38	31	22
140 REC 34/05	7,50	10	17,5		74	63	59	54	48	39	28
140 REC 34/06	7,50	10	17,5		89	75	71	65	58	47	34
140 REC 34/07	9,20	12,5	21		103	88	83	76	67	55	39
140 REC 34/08	11,00	15	24,5		118	100	95	87	77	63	45
140 REC 34/09	11,00	15	24,5		133	113	107	98	87	71	51
140 REC 34/10	13,00	17,5	28		148	125	119	109	96	79	56
140 REC 34/11	15,00	20	32		162	138	131	120	106	87	62
140 REC 34/12	15,00	20	35		177	150	143	131	115	94	67
140 REC 34/13	18,50	25	40		192	163	154	141	125	102	73
140 REC 34/14	18,50	25	40		207	175	166	152	135	110	79
140 REC 34/15	18,50	25	40		221	188	178	163	144	118	84
140 REC 34/16	22,00	30	47,5		236	200	190	174	154	126	90
140 REC 34/17	22,00	30	47,5		251	213	202	185	164	134	96
140 REC 34/18	26,00	35	55		266	225	214	196	173	142	101
140 REC 34/19	26,00	35	55		280	238	226	207	183	150	107
140 REC 34/20	26,00	35	55		295	250	238	218	192	157	112
140 REC 34/21	26,00	35	55		310	263	249	228	202	165	118
140 REC 34/22	30,00	40	62,5		325	275	261	239	212	173	124
140 REC 34/23	30,00	40	62,5		339	288	273	250	221	181	129
140 REC 34/24	30,00	40	62,5		354	300	285	261	231	189	135
140 REC 34/25	37,00	50	78		369	313	297	272	240	197	141
140 REC 34/26	37,00	50	78		384	325	309	283	250	205	146
140 REC 34/27	37,00	50	78		398	338	321	294	260	212	152
140 REC 34/28	37,00	50	78		413	350	333	305	269	220	157
140 REC 34/29	37,00	50	78		428	363	344	315	279	228	163
140 REC 34/30	37,00	50	78		443	375	356	326	289	236	169

Dimensioni di ingombro e pesi
Overall dimensions and weights

Tipo - Type	A mm Tri	B mm	C mm Tri	M kg Tri	P kg
140 REC 34/03	1148	551	597	22	20
140 REC 34/04	1350	652	698	27	25
140 REC 34/05	1454	753	701	55	30
140 REC 34/06	1555	854	701	55	35
140 REC 34/07	1706	955	751	60	40
140 REC 34/08	1867	1056	811	65	45
140 REC 34/09	1968	1157	811	65	50
140 REC 34/10	2099	1258	841	70	55
140 REC 34/11	2290	1359	931	75	60
140 REC 34/12	2391	1460	931	75	65
140 REC 34/13	2552	1561	991	83	70
140 REC 34/14	2653	1662	991	83	75
140 REC 34/15	2754	1763	991	83	80
140 REC 34/16	2935	1864	1071	92	85
140 REC 34/17	3036	1965	1071	92	90
140 REC 34/18	3247	2066	1181	100	95
140 REC 34/19	3348	2167	1181	100	100
140 REC 34/20	3449	2268	1181	100	105
140 REC 34/21	3550	2369	1181	100	110
140 REC 34/22	3721	2470	1251	108	115
140 REC 34/23	3822	2571	1251	108	120
140 REC 34/24	3923	2672	1251	108	125
140 REC 34/25	4114	2773	1341	118	130
140 REC 34/26	4215	2874	1341	118	135
140 REC 34/27	4316	2975	1341	118	140
140 REC 34/28	4417	3076	1341	118	145
140 REC 34/29	4518	3177	1341	118	150
140 REC 34/30	4619	3278	1341	118	155

140 REC 44

Tolleranze secondo - Tollerance according to - Tolérance sulvant - Tolerancias segùn norma - EN UNI-ISO 9906 - 6"(150 mm)

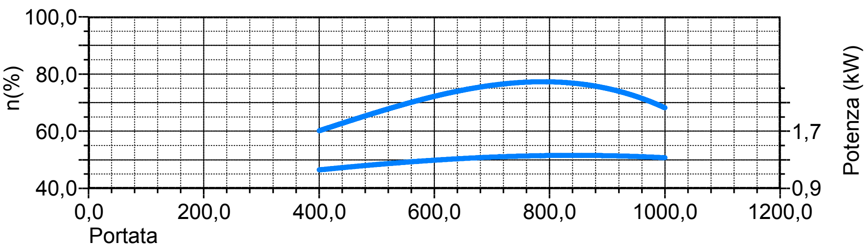


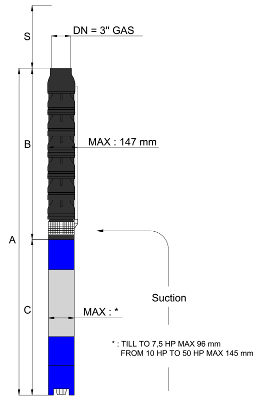
H = Prevalenza totale. **Da 21 a 288 m**
Q = Portata. **Da 400 a 1000 l/min**
n % = Rendimento della pompa. **Max 76,9 %**
kw/st = Assorbim. per stadio. **Max 1,37**
Massimo contenuto di sabbia. **50 g/m³**
S = Battente minimo (m) **Max 1**

H = Total head. **From 21 to 288 m**
Q = Capacity. **From 400 to 1000 l/min**
n % = Pump efficency. **Max 76,9 %**
kw/st = Stage absorption. **Max 1,37**
Maximum sand content **50 g/m³**
S = Minimum head (m) **Max 1**

H = hauter manométrique. **From 21 to 288 m**
Q = Débit. **From 400 to 1000 l/min**
n % = Rendement de la pompe. **Max 76,9 %**
kw/st = Absorption par étage. **Max 1,37**
Contenu maximal de sable. **50 g/m³**
S = Niveau minimal (m). **Max 1**

H = Altura manométrica. **Da 21 a 288 m**
Q = Caudal. **De 400 a 1000 l/min**
n % = Rendimiento de la bomba. **Max 76,9 %**
kw/st = Potencia absorbida por etapa. **Max 1,37**
Condenito màximo de arena. **50 g/m³**
S = Nivel minimo (m) **Max 1**



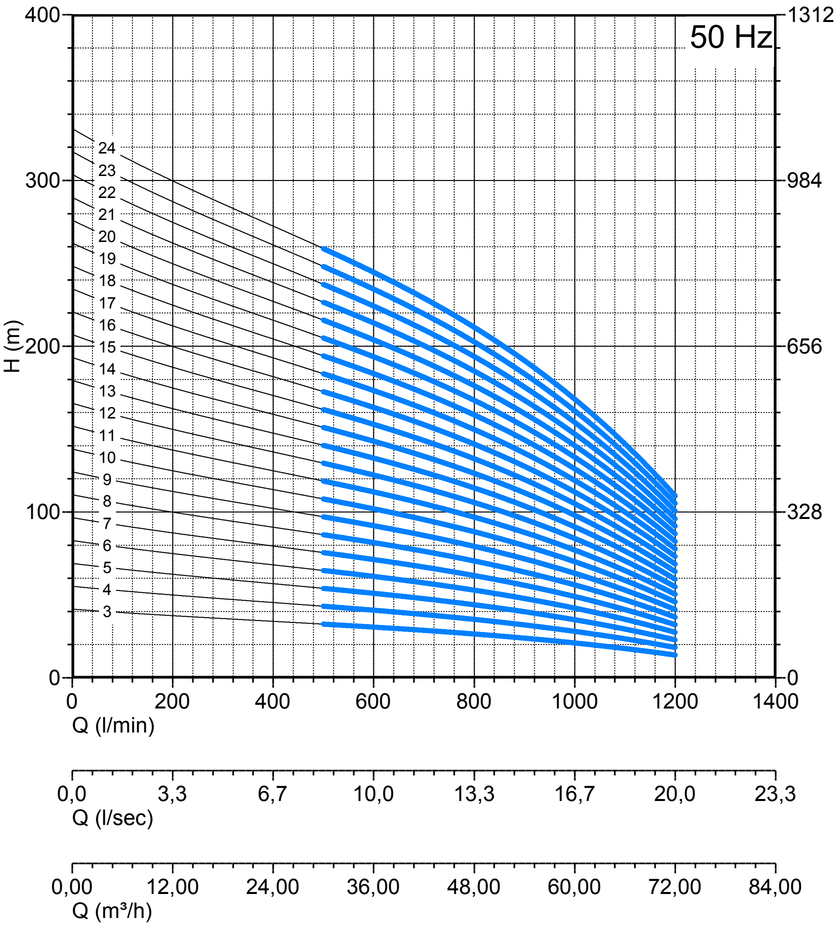


Tipo - Type	Motore - Motor - Moteur Caratteristiche a 2900 rpm				Q=Portata - Capacity - Debit							
	Power		V 400	l/min	0	400	500	600	700	800	900	1000
				l/sec	0,00	6,67	8,33	10,00	11,67	13,33	15,00	16,67
	kW	HP	A	m³/h	0,0	24,0	30,0	36,0	42,0	48,0	54,0	60,0
140 REC 44/04	5,50	7,5	13,5	H[m]	53	43	41	38	36	31	27	21
140 REC 44/05	7,50	10	17,5		67	53	51	48	45	39	34	27
140 REC 44/06	9,20	12,5	21		80	64	61	58	53	47	41	32
140 REC 44/07	11,00	15	24,5		93	75	71	67	62	55	48	37
140 REC 44/08	11,00	15	24,5		107	85	81	77	71	63	54	42
140 REC 44/09	13,00	17,5	28		120	96	91	86	80	71	61	48
140 REC 44/10	15,00	20	32		133	107	101	96	89	79	68	53
140 REC 44/11	15,00	20	32		147	117	111	106	98	86	75	58
140 REC 44/12	18,50	25	40		160	128	122	115	107	94	82	64
140 REC 44/13	18,50	25	40		173	139	132	125	116	102	88	69
140 REC 44/14	22,00	30	47,5		187	149	142	134	125	110	95	74
140 REC 44/15	22,00	30	47,5		200	160	152	144	134	118	102	80
140 REC 44/16	22,00	30	47,5		213	171	162	154	142	126	109	85
140 REC 44/17	26,00	35	55		227	181	172	163	151	134	116	90
140 REC 44/18	26,00	35	55		240	192	182	173	160	141	122	95
140 REC 44/19	26,00	35	55		253	203	192	182	169	149	129	101
140 REC 44/20	30,00	40	62,5		267	213	203	192	178	157	136	106
140 REC 44/21	30,00	40	62,5		280	224	213	202	187	165	143	111
140 REC 44/22	30,00	40	62,5		293	235	223	211	196	173	150	117
140 REC 44/23	37,00	50	78		307	245	233	221	205	181	156	122
140 REC 44/24	37,00	50	78		320	256	243	230	214	189	163	127
140 REC 44/25	37,00	50	78		333	267	253	240	223	197	170	133
140 REC 44/26	37,00	50	78		347	277	263	250	231	204	177	138
140 REC 44/27	37,00	50	78		360	288	274	259	240	212	184	143

Dimensioni di ingombro e pesi
Overall dimensions and weights

Tipo - Type	A mm Tri	B mm	C mm Tri	M kg Tri	P kg
140 REC 44/04	1350	652	698	27	25
140 REC 44/05	1454	753	701	55	30
140 REC 44/06	1605	854	751	60	35
140 REC 44/07	1766	955	811	65	40
140 REC 44/08	1867	1056	811	65	45
140 REC 44/09	1998	1157	841	70	50
140 REC 44/10	2189	1258	931	75	55
140 REC 44/11	2290	1359	931	75	60
140 REC 44/12	2451	1460	991	83	65
140 REC 44/13	2552	1561	991	83	70
140 REC 44/14	2733	1662	1071	92	75
140 REC 44/15	2834	1763	1071	92	80
140 REC 44/16	2935	1864	1071	92	85
140 REC 44/17	3146	1965	1181	100	90
140 REC 44/18	3247	2066	1181	100	95
140 REC 44/19	3348	2167	1181	100	100
140 REC 44/20	3519	2268	1251	108	105
140 REC 44/21	3620	2369	1251	108	110
140 REC 44/22	3721	2470	1251	108	115
140 REC 44/23	3912	2571	1341	118	120
140 REC 44/24	4013	2672	1341	118	125
140 REC 44/25	4114	2773	1341	118	130
140 REC 44/26	4215	2874	1341	118	135
140 REC 44/27	4316	2975	1341	118	140

140 REC 54

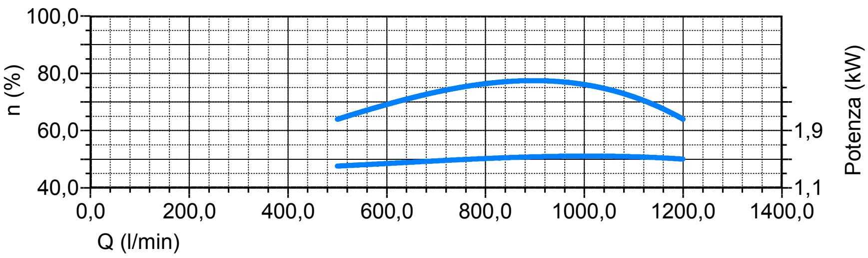


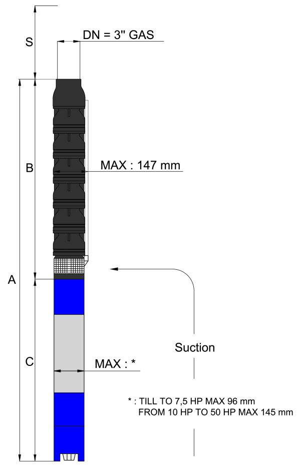
H = Prevalenza totale. **Da 14 a 261 m**
Q = Portata. **Da 500 a 1200 l/min**
% = Rendimento della pompa. **Max 77,0 %**
kw/st = Assorbim. per stadio. **Max 1,55**
Massimo contenuto di sabbia. **50 g/m³**
S = Battente minimo (m) **Max 1**

H = Total head. **From 14 to 261 m**
Q = Capacity. **From 500 to 1200 l/min**
n% = Pump efficency. **Max 77,0 %**
kw/st = Stage absorption. **Max 1,55**
Maximum sand content **50 g/m³**
S = Minimum head (m) **Max 1**

H = hauter manométrique. **From 14 to 261 m**
Q = Débit. **From 500 to 1200 l/min**
n% = Rendement de la pompe. **Max 77,0 %**
kw/st = Absorption par étage. **Max 1,55**
Contenu maximal de sable. **50 g/m³**
S = Niveau minimal (m). **Max 1**

H =Altura manométrica. **Da 14 a 261 m**
Q = Caudal. **De 500 a 1200 l/min**
n% = Rendimiento de la bomba. **Max 77,0 %**
kw/st = Potencia absorbida por etapa. **Max 1,55**
Condenito màximo de arena. **50 g/m³**
S = Nivel minimo (m) **Max 1**





Motore - Motor - Moteur Caratteristiche a 2900 rpm					Q=Portata - Capacity - Debit					
Tipo - Type	Power		V 400	l/min	0	500	600	800	1000	1200
				l/sec	0,00	8,33	10,00	13,33	16,67	20,00
	kW	HP	A	m³/h	0,0	30,0	36,0	48,0	60,0	72,0
140 REC 54/03	5,50	7,5	12,5	H[m]	41	33	30	27	21	14
140 REC 54/04	7,50	10	17,5		55	43	40	35	28	18
140 REC 54/05	9,20	12,5	21		69	54	51	44	35	23
140 REC 54/06	9,20	12,5	21		83	65	61	53	42	27
140 REC 54/07	11,00	15	24,5		97	76	71	62	49	32
140 REC 54/08	13,00	17,5	28		110	87	81	71	56	37
140 REC 54/09	15,00	20	32		124	98	91	80	63	41
140 REC 54/10	18,50	25	40		138	109	101	89	70	46
140 REC 54/11	18,50	25	40		152	119	111	97	77	50
140 REC 54/12	18,50	25	40		166	130	121	106	84	55
140 REC 54/13	22,00	30	47,5		179	141	131	115	91	59
140 REC 54/14	22,00	30	47,5		193	152	141	124	98	64
140 REC 54/15	26,00	35	55		207	163	152	133	105	69
140 REC 54/16	26,00	35	55		221	174	162	142	112	73
140 REC 54/17	30,00	40	62,5		235	184	172	150	119	78
140 REC 54/18	30,00	40	62,5		248	195	182	159	126	82
140 REC 54/19	30,00	40	62,5		262	206	192	168	133	87
140 REC 54/20	37,00	50	78		276	217	202	177	140	91
140 REC 54/21	37,00	50	78		290	228	212	186	147	96
140 REC 54/22	37,00	50	78		304	239	222	195	154	101
140 REC 54/23	37,00	50	78		317	250	232	204	161	105
140 REC 54/24	37,00	50	78		331	260	242	212	168	110

Dimensioni di ingombro e pesi Overall dimensions and weights					
Tipo - Type	A mm Tri	B mm	C mm Tri	M kg Tri	P kg
140 REC 54/03	1259	561	698	27	20
140 REC 54/04	1369	668	701	55	25
140 REC 54/05	1526	775	751	60	30
140 REC 54/06	1633	882	751	60	35
140 REC 54/07	1800	989	811	65	40
140 REC 54/08	1937	1096	841	70	45
140 REC 54/09	2134	1203	931	75	50
140 REC 54/10	2301	1310	991	83	55
140 REC 54/11	2408	1417	991	83	60
140 REC 54/12	2515	1524	991	83	65
140 REC 54/13	2702	1631	1071	92	70
140 REC 54/14	2809	1738	1071	92	75
140 REC 54/15	3026	1845	1181	100	80
140 REC 54/16	3133	1952	1181	100	85
140 REC 54/17	3310	2059	1251	108	90
140 REC 54/18	3417	2166	1251	108	95
140 REC 54/19	3524	2273	1251	108	100
140 REC 54/20	3721	2380	1341	118	105
140 REC 54/21	3828	2487	1341	118	110
140 REC 54/22	3935	2594	1341	118	115
140 REC 54/23	4042	2701	1341	118	120
140 REC 54/24	4149	2808	1341	118	125

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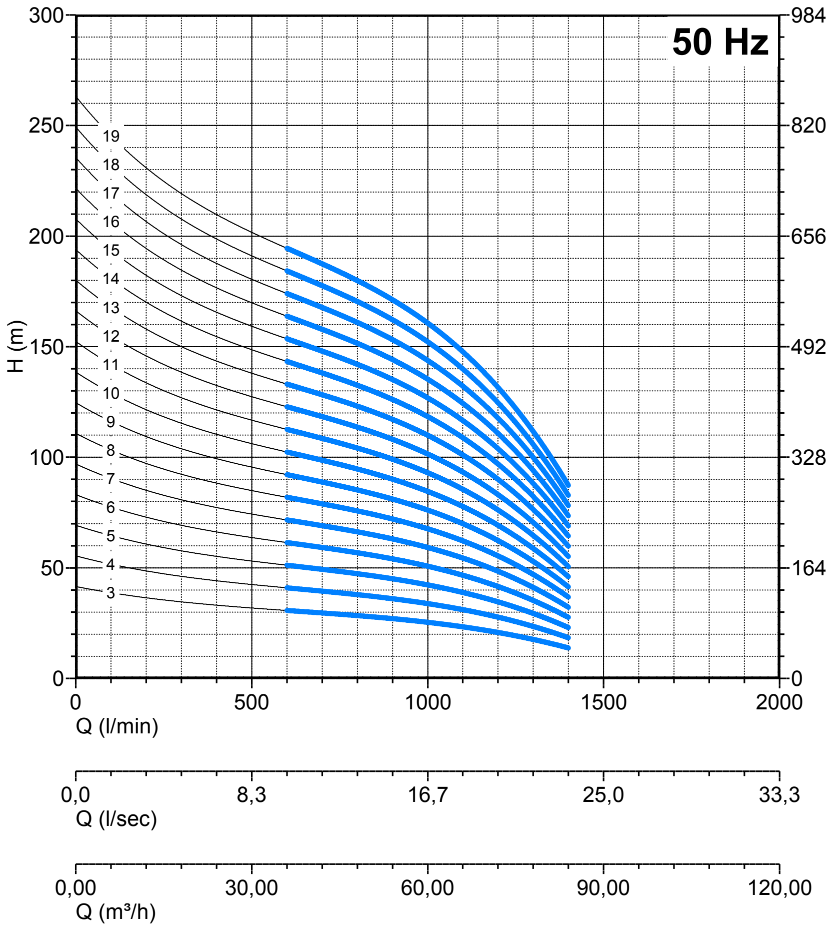
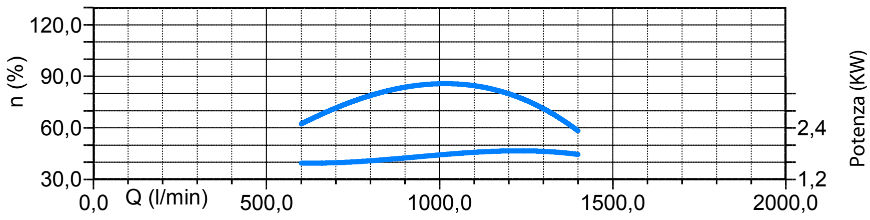
140 REC 66



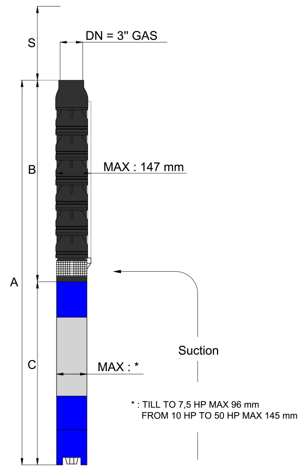


H = Prevalenza totale. **Da 14 a 195 m**
Q = Portata. **Da 600 a 1400 l/min**
n% = Rendimento della pompa. **Max 76,0 %**
kw/st = Assorbim. per stadio. **Max 1,85**
Massimo contenuto di sabbia. **50 g/m³**
S = Battente minimo (m) **Max 1**

H = Total head. **From 14 to 195 m**
Q = Capacity. **From 600 to 1400 l/min**
n% = Pump efficency. **Max 76,0 %**
kw/st = Stage absorption. **Max 1,85**
Maximum sand content **50 g/m³**
S = Minimum head (m) **Max 1**

H = hauter manométrique. **From 14 to 195 m**
Q = Débit. **From 600 to 1400 l/min**
n% = Rendement de la pompe. **Max 76,0 %**
kw/st = Absorption par étage. **Max 1,85**
Contenu maximal de sable. **50 g/m³**
S = Niveau minimal (m). **Max 1**

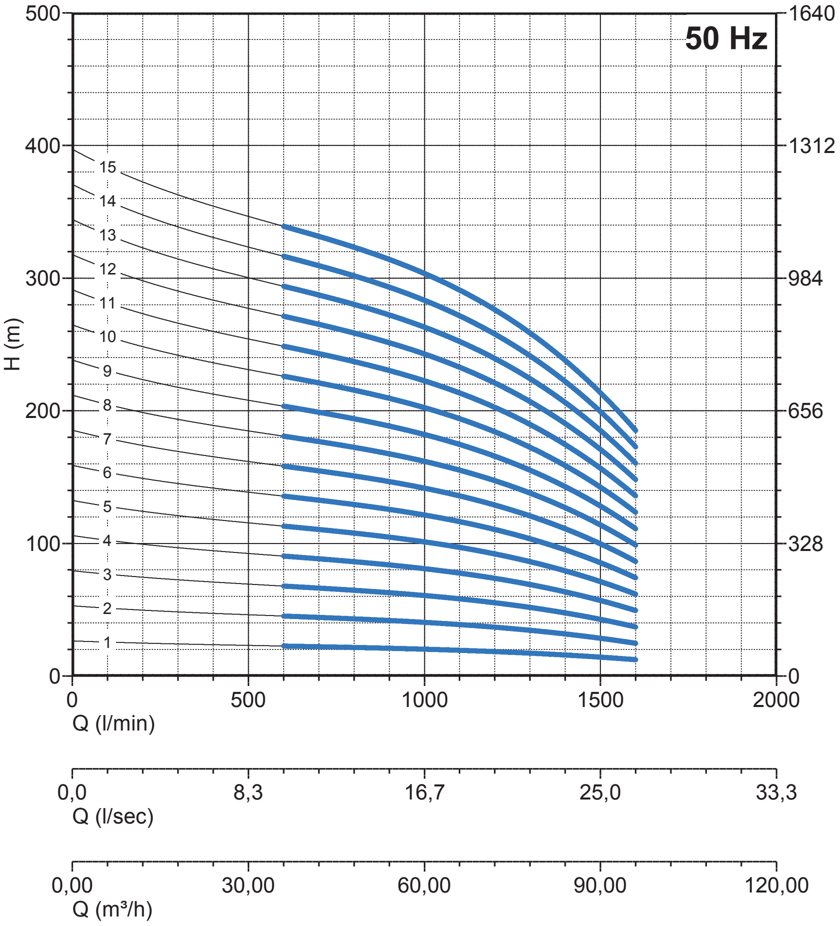
H =Altura manométrica. **Da 14 a 195 m**
Q = Caudal. **De 600 a 1400 l/min**
n% = Rendimiento de la bomba. **Max 76,0 %**
kw/st = Potencia absorbida por etapa. **Max 1,85**
Condenito màximo de arena. **50 g/m³**
S = Nivel minimo (m) **Max 1**



Tipo - Type	Motore - Motor - Moteur Caratteristiche a 2900 rpm				Q=Portata - Capacity - Debit					
	Power		V 400	l/min	0	600	800	1000	1200	1400
				l/sec	0,00	10,00	13,33	16,67	20,00	23,33
	kW	HP	A	m³/h	0,0	36,0	48,0	60,0	72,0	84,0
140 REC 66/03	5,50	7,5	12,5	H[m]	42	31	28	25	21	14
140 REC 66/04	7,50	10	17,5		55	41	38	34	28	18
140 REC 66/05	9,20	12,5	21		69	51	47	42	35	23
140 REC 66/06	11,00	15	24,5		83	62	57	51	42	27
140 REC 66/07	13,00	17,5	28		97	72	66	59	49	32
140 REC 66/08	15,00	20	32		111	82	75	67	56	37
140 REC 66/09	18,50	25	40		125	93	85	76	63	41
140 REC 66/10	18,50	25	40		139	103	94	84	70	46
140 REC 66/11	22,00	30	47,5		152	113	104	93	77	50
140 REC 66/12	26,00	35	55		166	123	113	101	84	55
140 REC 66/13	26,00	35	55		180	134	122	109	91	59
140 REC 66/14	30,00	40	62,5		194	144	132	118	98	64
140 REC 66/15	30,00	40	62,5		208	154	141	126	105	69
140 REC 66/16	30,00	40	62,5		222	164	151	135	112	73
140 REC 66/17	37,00	50	78		235	175	160	143	119	78
140 REC 66/18	37,00	50	78		249	185	170	152	126	82
140 REC 66/19	37,00	50	78		263	195	179	160	133	87

Dimensioni di ingombro e pesi Overall dimensions and weights					
Tipo - Type	A mm Tri	B mm	C mm Tri	M kg Tri	P kg
140 REC 66/03	1259	561	698	27	20
140 REC 66/04	1369	668	701	55	25
140 REC 66/05	1526	775	751	60	30
140 REC 66/06	1693	882	811	65	35
140 REC 66/07	1830	989	841	70	40
140 REC 66/08	2027	1096	931	75	45
140 REC 66/09	2194	1203	991	83	50
140 REC 66/10	2301	1310	991	83	55
140 REC 66/11	2488	1417	1071	92	60
140 REC 66/12	2705	1524	1181	100	65
140 REC 66/13	2812	1631	1181	100	70
140 REC 66/14	2989	1738	1251	108	75
140 REC 66/15	3096	1845	1251	108	80
140 REC 66/16	3203	1952	1251	108	85
140 REC 66/17	3400	2059	1341	118	90
140 REC 66/18	3507	2166	1341	118	95
140 REC 66/19	3614	2273	1341	118	100

180 REC 78

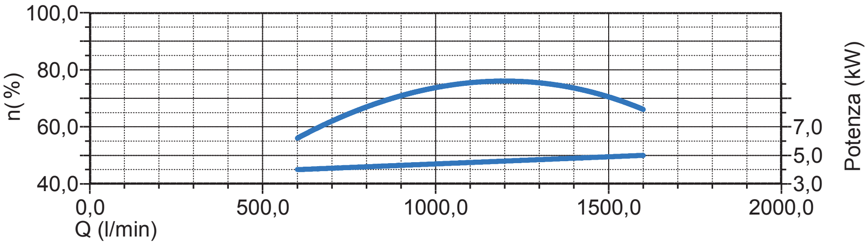


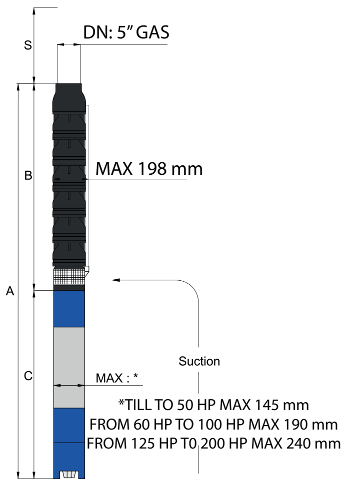
H = Prevalenza totale. **Da 13 a 338 m**
Q = Portata. **Da 600 a 1600 l/min**
n% = Rendimento della pompa. **Max 75,5 %**
kw/st = Assorbim. per stadio. **Max 5,00**
Massimo contenuto di sabbia. **50 g/m³**
S = Battente minimo (m) **Max 1**

H = Total head. **From 13 to 338 m**
Q = Capacity. **From 600 to 1600 l/min**
n% = Pump efficency. **Max 75,5 %**
kw/st = Stage absorption. **Max 5,00**
Maximum sand content **50 g/m³**
S = Minimum head (m) **Max 1**

H = hauter manométrique. **From 13 to 338 m**
Q = Débit. **From 600 to 1600 l/min**
n% = Rendement de la pompe. **Max 75,5 %**
kw/st = Absorption par étage. **Max 5,00**
Contenu maximal de sable. **50 g/m³**
S = Niveau minimal (m). **Max 1**

H =Altura manométrica. **Da 13 a 338 m**
Q = Caudal. **De 600 a 1600 l/min**
n% = Rendimiento de la bomba. **Max 75,5 %**
kw/st = Potencia absorbida por etapa. **Max 5,00**
Condenito màximo de arena. **50 g/m³**
S = Nivel minimo (m) **Max 1**



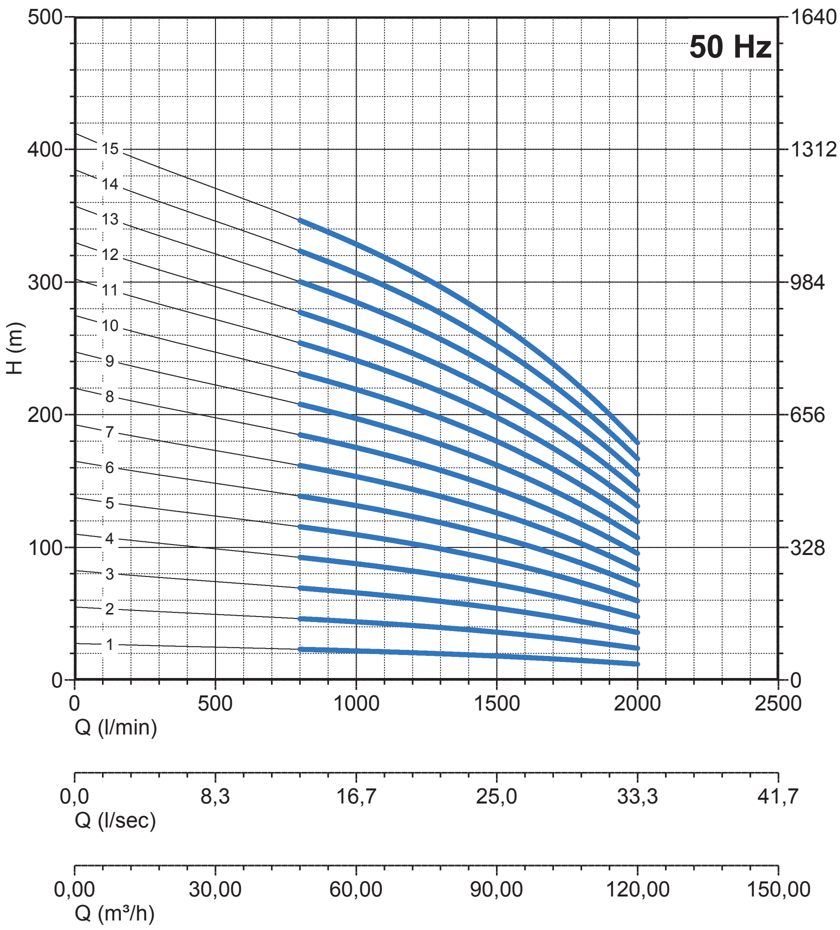


Tipo - Type	Motore - Motor - Moteur Caratteristiche a 2900 rpm				Q=Portata - Capacity - Debit						
	Power		V 400	l/min	0	600	800	1000	1200	1400	1600
				l/sec	0,00	10,00	13,33	16,67	20,00	23,33	26,67
	kW	HP	A	m³/h	0,0	36,0	48,0	60,0	72,0	84,0	96,0
180 REC 78/01	5,50	7,5	12,5	H[m]	27	23	22	21	19	16	13
180 REC 78/02	11,00	15	24,5		53	45	43	41	37	31	25
180 REC 78/03	15,00	20	32		80	68	65	62	56	47	38
180 REC 78/04	22,00	30	47,5		106	90	86	82	74	62	50
180 REC 78/05	26,00	35	55		133	113	108	103	93	78	63
180 REC 78/06	30,00	40	62,5		159	135	129	123	111	93	75
180 REC 78/07	37,00	50	78		186	158	151	144	130	109	88
180 REC 78/08	44,00	60	92		212	180	172	164	148	124	100
180 REC 78/09	44,00	60	92		239	203	194	185	167	140	113
180 REC 78/10	55,00	75	113,5		265	225	215	205	185	155	125
180 REC 78/11	55,00	75	113,5		292	248	237	226	204	171	138
180 REC 78/12	66,00	90	134,5		318	270	258	246	222	186	150
180 REC 78/13	66,00	90	134,5		345	293	280	267	241	202	163
180 REC 78/14	75,00	100	149,5		371	315	301	287	259	217	175
180 REC 78/15	75,00	100	149,5		398	338	323	308	278	233	188

Dimensioni di ingombro e pesi
Overall dimensions and weights

Tipo - Type	A mm Tri	B mm	C mm Tri	M kg Tri	P kg
180 REC 78/01	1136	465	671	45	18
180 REC 78/02	1401	590	811	65	25
180 REC 78/03	1646	715	931	75	32
180 REC 78/04	1911	840	1071	92	40
180 REC 78/05	2146	965	1181	100	47
180 REC 78/06	2341	1090	1251	108	55
180 REC 78/07	2556	1215	1341	118	61
180 REC 78/08	2650	1340	1310	200	68
180 REC 78/09	2775	1465	1310	200	77
180 REC 78/10	3050	1590	1460	216	85
180 REC 78/11	3175	1715	1460	216	92
180 REC 78/12	3450	1840	1610	260	100
180 REC 78/13	3575	1965	1610	260	107
180 REC 78/14	3800	2090	1710	286	115
180 REC 78/15	3925	2215	1710	286	122

180 REC 90

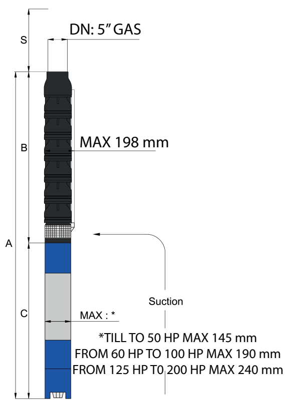


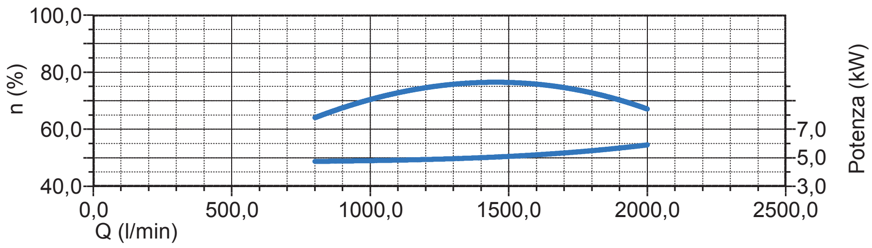
H = Prevalenza totale. **Da 12 a 345 m**
Q = Portata. **Da 800 a 2000 l/min**
n% = Rendimento della pompa. **Max 76,5 %**
kw/st = Assorbim. per stadio. **Max 5,90**
Massimo contenuto di sabbia. **50 g/m³**
S = Battente minimo (m) **Max 1**

H = Total head. **From 12 to 345 m**
Q = Capacity. **From 800 to 2000 l/min**
n% = Pump efficency. **Max 76,5 %**
kw/st = Stage absorption. **Max 5,90**
Maximum sand content **50 g/m³**
S = Minimum head (m) **Max 1**

H = hauter manometrique. **From 12 to 345 m**
Q = Débit. **From 800 to 2000 l/min**
n% = Rendement de la pompe. **Max 76,5 %**
kw/st = Absorption par étage. **Max 5,90**
Contenu maximal de sable. **50 g/m³**
S = Niveau minimal (m). **Max 1**

H =Altura manométrica. **Da 12 a 345 m**
Q = Caudal. **De 800 a 2000 l/min**
n% = Rendimiento de la bomba. **Max 76,5 %**
kw/st = Potencia absorbida por etapa. **Max 5,90**
Condenito màximo de arena. **50 g/m³**
S = Nivel minimo (m) **Max 1**

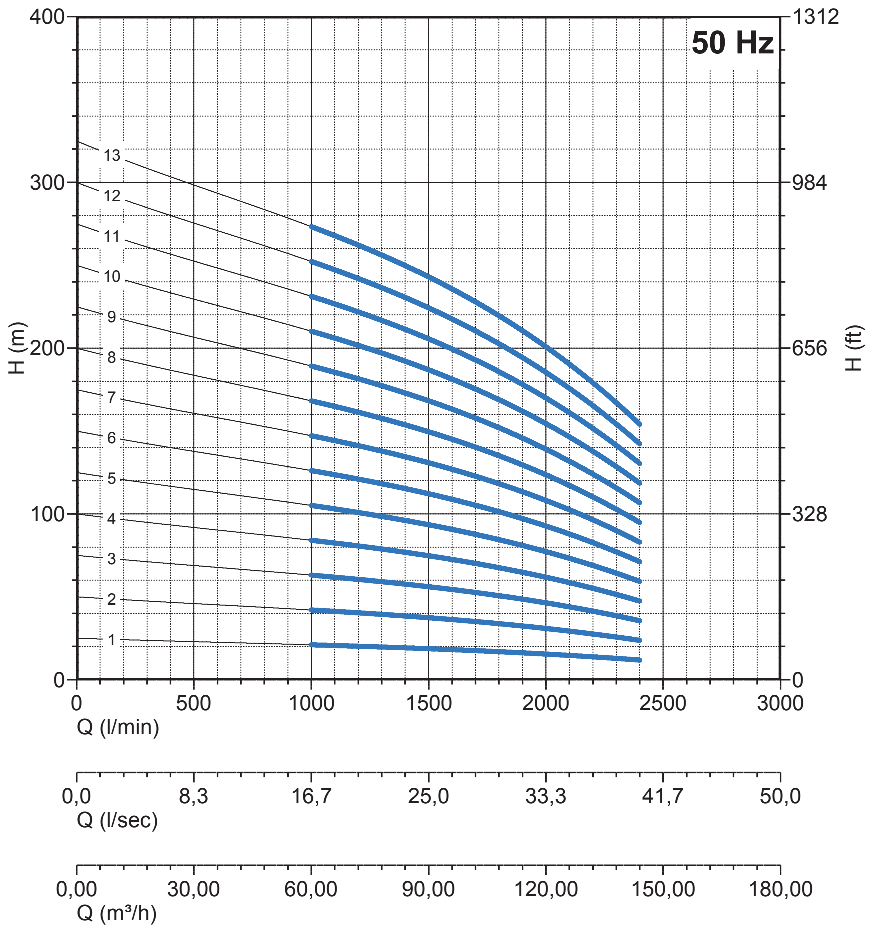


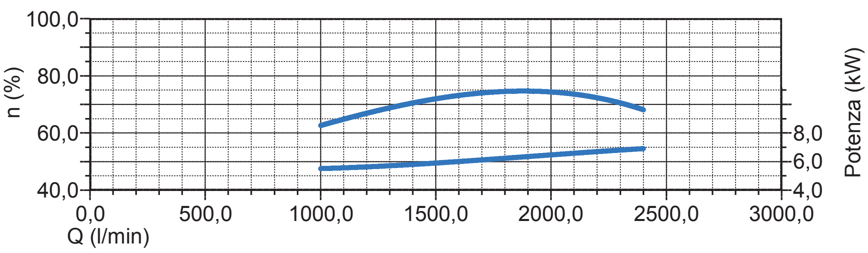


Tipo - Type	Motore - Motor - Moteur Caratteristiche a 2900 rpm				Q=Portata - Capacity - Debit							
	Power		V 400	l/min	0	800	1000	1200	1400	1600	1800	2000
				l/sec	0,00	13,33	16,67	20,00	23,33	26,67	30,00	33,33
	kW	HP	A	m³/h	0,0	48,0	60,0	72,0	84,0	96,0	108,0	120,0
180 REC 90/01	7,50	10	17,5	H[m]	28	23	22	21	19	17	15	12
180 REC 90/02	13,00	17,5	28		55	46	44	41	38	34	29	24
180 REC 90/03	18,50	25	40		83	69	66	62	57	51	44	36
180 REC 90/04	26,00	35	55		110	92	88	82	76	68	58	48
180 REC 90/05	30,00	40	62,5		138	115	110	103	95	85	73	60
180 REC 90/06	37,00	50	78		165	138	132	123	114	102	87	72
180 REC 90/07	44,00	60	92		193	161	154	144	133	119	102	84
180 REC 90/08	55,00	75	113,5		220	184	176	164	152	136	116	96
180 REC 90/09	55,00	75	113,5		248	207	198	185	171	153	131	108
180 REC 90/10	66,00	90	134,5		275	230	220	205	190	170	145	120
180 REC 90/11	66,00	90	134,5		303	253	242	226	209	187	160	132
180 REC 90/12	75,00	100	149,5		330	276	264	246	228	204	174	144
180 REC 90/13	75,00	100	149,5		358	299	286	267	247	221	189	156
180 REC 90/14	92,00	125	185		385	322	308	287	266	238	203	168
180 REC 90/15	92,00	125	185		413	345	330	308	285	255	218	180

Dimensioni di ingombro e pesi Overall dimensions and weights					
Tipo - Type	A mm Tri	B mm	C mm Tri	M kg Tri	P kg
180 REC 90/01	1166	465	701	55	18
180 REC 90/02	1431	590	841	70	25
180 REC 90/03	1706	715	991	83	32
180 REC 90/04	2021	840	1181	100	40
180 REC 90/05	2216	965	1251	108	47
180 REC 90/06	2431	1090	1341	118	55
180 REC 90/07	2525	1215	1310	200	61
180 REC 90/08	2800	1340	1460	216	68
180 REC 90/09	2925	1465	1460	216	77
180 REC 90/10	3200	1590	1610	260	85
180 REC 90/11	3325	1715	1610	260	92
180 REC 90/12	3550	1840	1710	286	100
180 REC 90/13	3675	1965	1710	286	107
180 REC 90/14	3950	2090	1860	310	115
180 REC 90/15	4075	2215	1860	310	122

180 REC 102



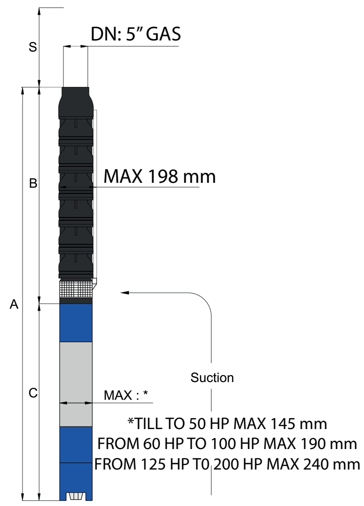


H = Prevalenza totale. **Da 12 a 273 m**
Q = Portata. **Da 1000 a 2400 l/min**
n% = Rendimento della pompa. **Max 75,0 %**
kw/st = Assorbim. per stadio. **Max 6,90**
Massimo contenuto di sabbia. **50 g/m³**
S = Battente minimo (m) **Max 1**

H = Total head. **From 12 to 273 m**
Q = Capacity. **From 1000 to 2400 l/min**
n% = Pump efficency. **Max 75,0 %**
kw/st = Stage absorption. **Max 6,90**
Maximum sand content **50 g/m³**
S = Minimum head (m) **Max 1**

H = hauter manométrique. **From 12 to 273 m**
Q = Débit. **From 1000 to 2400 l/min**
n% = Rendement de la pompe. **Max 75,0 %**
kw/st = Absorption par étage. **Max 6,90**
Contenu maximal de sable. **50 g/m³**
S = Niveau minimal (m). **Max 1**

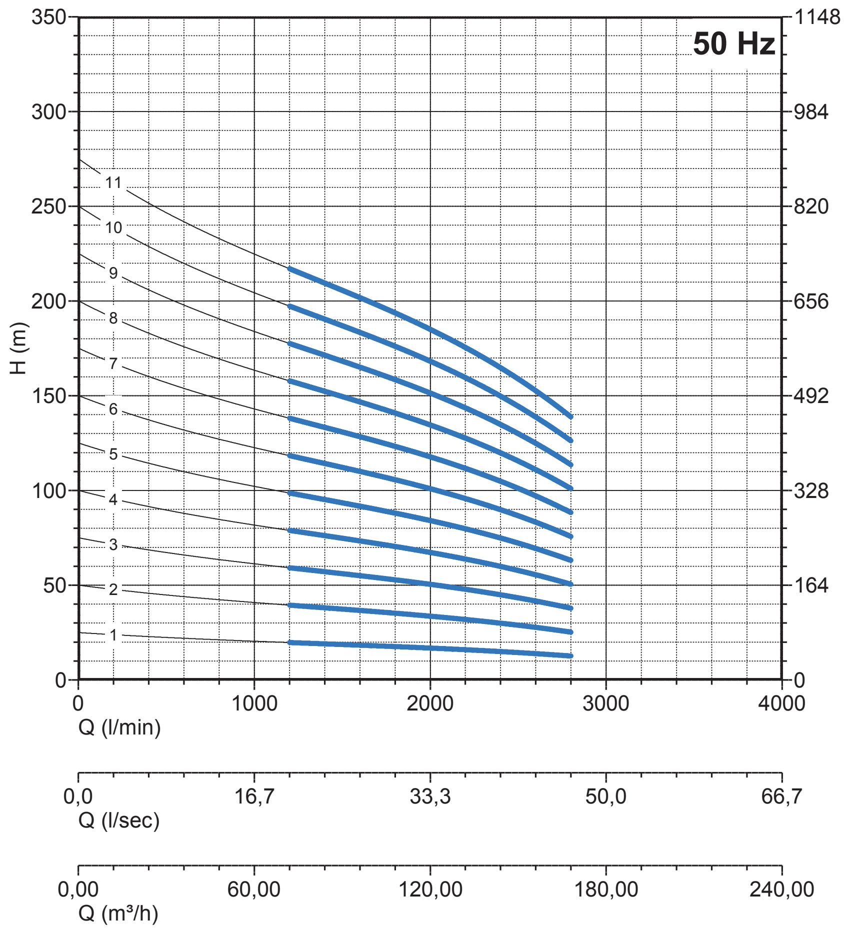
H =Altura manométrica. **Da 12 a 273 m**
Q = Caudal. **De 1000 a 2400 l/min**
n% = Rendimiento de la bomba. **Max 75,0 %**
kw/st = Potencia absorbida por etapa. **Max 6,90**
Condenito màximo de arena. **50 g/m³**
S = Nivel minimo (m) **Max 1**

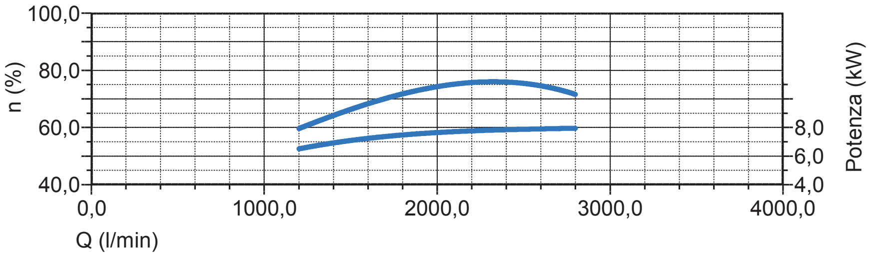


Motore - Motor - Moteur Caratteristiche a 2900 rpm					Q=Portata - Capacity - Debit								
Tipo - Type	Power		V 400	l/min	0	1000	1200	1400	1600	1800	2000	2200	2400
				l/sec	0,00	16,67	20,00	23,33	26,67	30,00	33,33	36,67	40,00
	kW	HP	A	m³/h	0,0	60,0	72,0	84,0	96,0	108,0	120,0	132,0	144,0
180 REC 102/01	7,50	10	17,5	H[m]	25	21	20	20	18	17	16	14	12
180 REC 102/02	15,00	20	32		50	42	40	39	36	34	31	27	24
180 REC 102/03	22,00	30	47,5		75	63	60	59	54	51	47	41	36
180 REC 102/04	30,00	40	62,5		100	84	80	78	72	68	62	54	48
180 REC 102/05	37,00	50	78		125	105	100	98	90	85	78	68	60
180 REC 102/06	44,00	60	92		150	126	120	117	108	102	93	81	72
180 REC 102/07	55,00	75	113,5		175	147	140	137	126	119	109	95	84
180 REC 102/08	55,00	75	113,5		200	168	160	156	144	136	124	108	96
180 REC 102/09	66,00	90	134,5		225	189	180	176	162	153	140	122	108
180 REC 102/10	75,00	100	149,5		250	210	200	195	180	170	155	135	120
180 REC 102/11	75,00	100	149,5		275	231	220	215	198	187	171	149	132
180 REC 102/12	92,00	125	185		300	252	240	234	216	204	186	162	144
180 REC 102/13	92,00	125	185		325	273	260	254	234	221	202	176	156

Dimensioni di ingombro e pesi Overall dimensions and weights					
Tipo - Type	A mm Tri	B mm	C mm Tri	M kg Tri	P kg
180 REC 102/01	1166	465	701	55	18
180 REC 102/02	1521	590	931	75	25
180 REC 102/03	1786	715	1071	92	32
180 REC 102/04	2091	840	1251	108	40
180 REC 102/05	2306	965	1341	118	47
180 REC 102/06	2400	1090	1310	200	55
180 REC 102/07	2675	1215	1460	216	61
180 REC 102/08	2800	1340	1460	216	68
180 REC 102/09	3075	1465	1610	260	77
180 REC 102/10	3300	1590	1710	286	85
180 REC 102/11	3425	1715	1710	286	92
180 REC 102/12	3700	1840	1860	310	100
180 REC 102/13	3825	1965	1860	310	107

180 REC 124



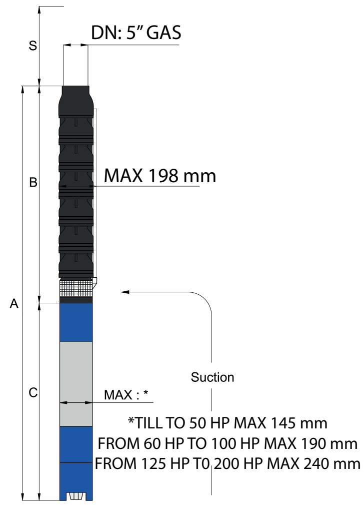


H = Prevalenza totale. **Da 13 a 220 m**
Q = Portata. **Da 1200 a 2800 l/min**
n% = Rendimento della pompa. **Max 76,0 %**
kw/st = Assorbim. per stadio. **Max 8,00**
Massimo contenuto di sabbia. **50 g/m³**
S = Battente minimo (m) **Max 1**

H = Total head. **From 13 to 220 m**
Q = Capacity. **From 1200 to 2800 l/min**
n% = Pump efficency. **Max 76,0 %**
kw/st = Stage absorption. **Max 8,00**
Maximum sand content **50 g/m³**
S = Minimum head (m) **Max 1**

H = hauter manométrique. **From 13 to 220 m**
Q = Débit. **From 1200 to 2800 l/min**
n% = Rendement de la pompe. **Max 76,0 %**
kw/st = Absorption par étage. **Max 8,00**
Contenu maximal de sable. **50 g/m³**
S = Niveau minimal (m). **Max 1**

H =Altura manométrica. **Da 13 a 220 m**
Q = Caudal. **De 1200 a 2800 l/min**
n% = Rendimiento de la bomba. **Max 76,0 %**
kw/st = Potencia absorbida por etapa. **Max 8,00**
Condenito màximo de arena. **50 g/m³**
S = Nivel minimo (m) **Max 1**

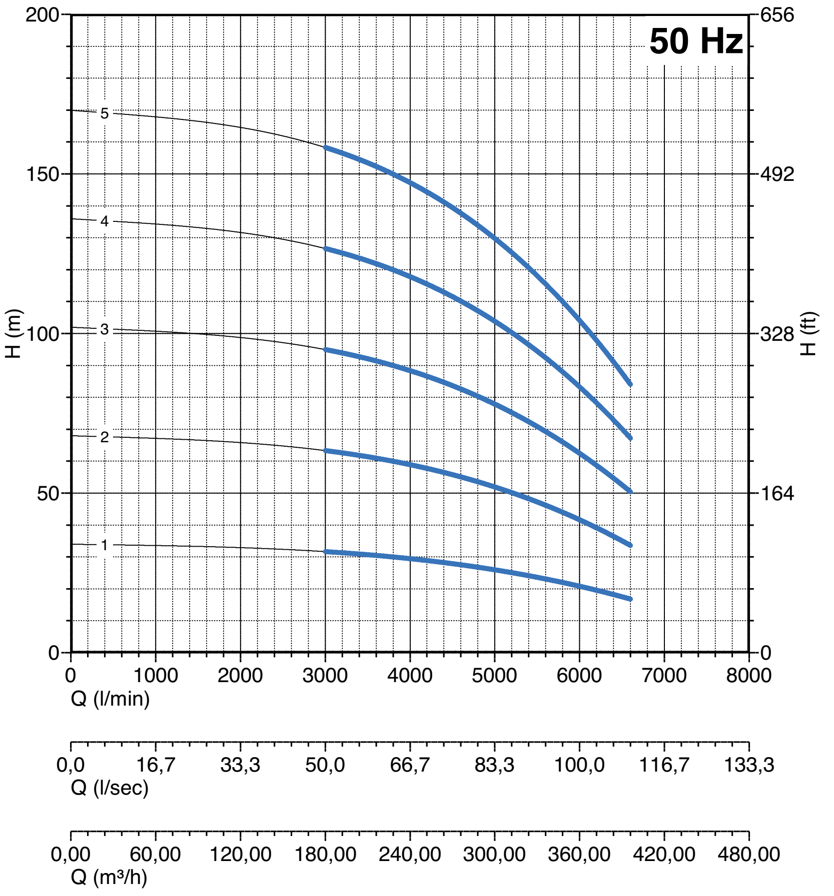


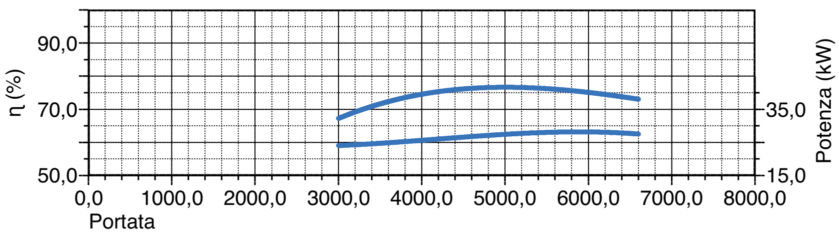
Motore - Motor - Moteur Caratteristiche a 2900 rpm					Q=Portata - Capacity - Debit									
Tipo - Type	Power		V 400	l/min	0	1200	1400	1600	1800	2000	2200	2400	2600	2800
				l/sec	0,00	20,00	23,33	26,67	30,00	33,33	36,67	40,00	43,33	46,67
	kW	HP	A	m³/h	0,0	72,0	84,0	96,0	108,0	120,0	132,0	144,0	156,0	168,0
180 REC 124/01	9,20	12,5	21		25	20	19	18	18	17	16	15	14	13
180 REC 124/02	18,50	25	40		50	40	38	36	35	34	32	30	28	25
180 REC 124/03	26,00	25	55		75	60	57	54	53	51	48	45	42	38
180 REC 124/04	37,00	50	78		100	80	76	72	70	68	64	60	56	50
180 REC 124/05	44,00	60	92		125	100	95	90	88	85	80	75	70	63
180 REC 124/06	55,00	75	113,5	H[m]	150	120	114	108	105	102	96	90	84	75
180 REC 124/07	55,00	75	113,5		175	140	133	126	123	119	112	105	98	88
180 REC 124/08	75,00	100	149,5		200	160	152	144	140	136	128	120	112	100
180 REC 124/09	75,00	100	149,5		225	180	171	162	158	153	144	135	126	113
180 REC 124/10	92,00	125	185		250	200	190	180	175	170	160	150	140	125
180 REC 124/11	92,00	125	185		275	220	209	198	193	187	176	165	154	138

Dimensioni di ingombro e pesi Overall dimensions and weights					
Tipo - Type	A mm Tri	B mm	C mm Tri	M kg Tri	P kg
180 REC 124/01	1241	490	751	60	19
180 REC 124/02	1631	640	991	83	28
180 REC 124/03	1971	790	1181	100	37
180 REC 124/04	2281	940	1341	118	47
180 REC 124/05	2400	1090	1310	200	56
180 REC 124/06	2700	1240	1460	216	65
180 REC 124/07	2850	1390	1460	216	73
180 REC 124/08	3250	1540	1710	286	80
180 REC 124/09	3400	1690	1710	286	89
180 REC 124/10	3700	1840	1860	310	97
180 REC 124/11	3850	1990	1860	310	105

230 REC 250 (10")

CE Tolleranze secondo - **Tollerance according to**
Tolérances selon - Tolerancias según norma EN UNI-ISO 9906 - **10" (250 mm)**





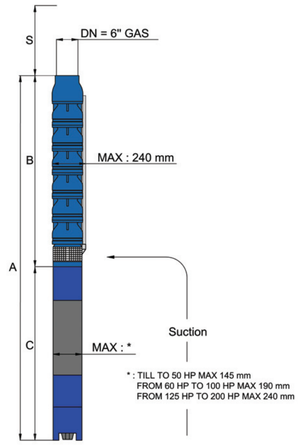
H = Prevalenza totale. **Da 17 a 158 m**
Q = Portata. **Da 3000 a 6600 l/min**
η% = Rendimento della pompa. **Max 77,0 %**
kw/st = Assorbim. per stadio. **Max 28,20**
Massimo contenuto di sabbia. **50 g/m³**
S = Battente minimo (m) **Max 1**

H = Total head. **From 17 to 158 m**
Q = Capacity. **From 3000 to 6600 l/min**
η% = Pump efficency. **Max 77,0 %**
kw/st = Stage absorption. **Max 28,20**
Maximum sand content **50 g/m³**
S = Minimum head (m) **Max 1**

H = hauter manométrique. **From 17 to 158 m**
Q = Débit. **From 3000 to 6600 l/min**
η% = Rendement de la pompe. **Max 77,0 %**
kw/st = Absorption par étage. **Max 28,20**
Contenu maximal de sable. **50 g/m³**
S = Niveau minimal (m). **Max 1**

H =Altura manométrica. **Da 17 a 158 m**
Q = Caudal. **De 3000 a 6600 l/min**
η% = Rendimiento de la bomba. **Max 77,0 %**
kw/st = Potencia absorbida por etapa. **Max 28,20**
Condenito màximo de arena. **50 g/m³**
S = Nivel minimo (m) **Max 1**

SEMIASSIALI



Motore - Motor - Moteur Caratteristiche a 2900 rpm				Q=Portata - Capacity - Debit								
Tipo - Type	Power		V 400	l/min	0	3000	3600	4200	4800	5400	6000	6600
				l/sec	0,00	50,00	60,00	70,00	80,00	90,00	100,00	110,00
	kW	HP	A	m³/h	0,0	180,0	216,0	252,0	288,0	324,0	360,0	396,0
230 REC 250/01	30,00	40	62,5	H[m]	34	32	31	29	27	24	21	17
230 REC 250/02	66,00	90	134,5		68	63	61	58	54	48	41	34
230 REC 250/03	92,00	125	185		102	95	92	87	81	72	62	51
230 REC 250/04	110,00	150	219		136	126	122	116	108	96	82	68
230 REC 250/05	147,00	200	290		170	158	153	145	135	120	103	85

Dimensioni di ingombro e pesi Overall dimensions and weights					
Tipo - Type	A mm Tri	B mm	C mm Tri	M kg Tri	P kg
230 REC 250/01	1891	640	1251	108	29
230 REC 250/02	2405	795	1610	260	32
230 REC 250/03	2580	950	1630	374	39
230 REC 250/04	2865	1105	1760	415	44
230 REC 250/05	3110	1260	1850	450	54

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SUBWATER IS NOTHING WITHOUT ENERGY

TÜV SÜD ISO 9001

MOTORI

PANELLI®

ELETTROPOMPE SOMMERSE - ELECTRIC SUBMERSIBLE PUMPS - ELECTROPOMPES IMMERGEES - ELECTROBOMBAS SUMERGIDAS

MOTORS. 4" 6" 8" 10"

MOTORI 4" 6" 8" 10"

CE Tolleranze secondo
Tollerance according to - *Tolérances selon*
Tolerancias según norma EN UNI-ISO 9906

MOTORI SOMMERSI

›La gamma di produzione PANELLI prevede motori sommersi per diametri di pozzo da 4" a 10", con una potenza variabile da 0,33 a 200 HP. Da 0,33 fino a 10 HP possono essere motori a bagno d'olio oppure resinati. Da 5,5 HP a 200 HP sono motori riavvolgibili a bagno d'acqua. I motori sommersi riavvolgibili a bagno d'acqua PANELLI, di costruzione particolarmente robusta e in grado di funzionare per lungo tempo senza manutenzione, sono composti da: **STATORE ›**avvolgimento realizzato in filo di rame elettrolitico rivestito da speciale materiale termoplastico idrorepellente con elevate caratteristiche dielettriche. Temperatura di funzionamento dell'acqua fino a 60° C; a richiesta un filo di rame rivestito di materiale in PTFE permette di elevare questo valore fino a 80°. **ROTORE ›**albero in AISI420, particolarmente robusto, guidato da cuscinetti a boccola antiusura in grafite (e/o bronzo Bs Pb 15), e supportato da un cuscinetto reggispinta a pattini oscillanti (tipo Mitchell) dimensionato per reggere le massime spinte assiali della pompa con un elevatissimo fattore di sicurezza. **LIQUIDO DI RIEMPIMENTO ›**il raffreddamento del motore e la lubrificazione dei supporti sono assicurati da acqua limpida, immessa nel motore stesso. Per lunghi periodi di immagazzinamento è possibile aggiungere una bassa percentuale di antigelo atossico. **MEMBRANA DI COMPENSAZIONE ›**posta nella parte inferiore del motore per l'equilibratura della pressione interna al motore con quella esterna nel pozzo e per la compensazione della variazione di volume dell'acqua, dovuta al riscaldamento durante il funzionamento.

SUBMERSIBLE MOTORS

›The PANELLI standard production offer submersible motors from 6" to 10" well diameter, with power from 0,33 up to 200 HP. From 0,33 up to 10 HP can be oil filled motors or encapsulated motors. From 5,5 up to 200 HP are rewindable motors water filled. PANELLI motors are very strong construction and they can work for long time without any kind of mainteinance. They are formed by: **STATOR ›**winding is realized by electrolytic copper wire, wich is lined with special thermoplastic material and has remarkable dialectric characteristics. The working temperature of water is up to 60°C. On request, a copper wire lined with PFTE material permits the value to rise up to 80°C. **ROTOR ›**shaft in AISI420, very stout, driven by bearings against wear (and/or brass BS Pb 15), and supported by sliding block besring, MITCHELL type. It is of oversized-design to bear the max axial bearing of pump with the highest factor of safety. **MOTOR FILLING FLUID ›**the cooling system and the support lubrification are obtained by using limpid water. During long storage periods, it is possible to add antifreeze completely atoxic. **RUBBER BREATHER DIAPHRAGM ›**it is situated in the low part of the motor, it allows water pressure regulation inside the motor with the fluid outside and the compensation of changes in water volume, due to the heating during the functioning.

MOTORI

MOTEURS IMMERGES

›La gamme de production Panelli prèvoit des moteurs immergés pour des diamètres puits de 4'' à 10'' avec une puissance variable da 0,33 à 200 HP. De 0,33 a 10 HP les moteurs peuvent etre à bain d'huile ou bien avec résine. De 5,5 à 200 HP les moteurs sont rebabinables à bain d'eau. Ceux là sont de construction particulièrement robuste et capable de fonctionner a long terme sans entretien, ils sont composer par: **STATOR ›**Le bobinage est réalisè en fil en cuivre électrolytique, rêvetu par un matériel hydrofugeant particulier qui à de grandes caractéristiques diélectriques. Température de fonctionnement de l'eau jusqu'à 60°, sous sollicitation, un fil en cuivre revetu de matériel en PTFE permet d'augmenter cette valeur jusqu'à 80°. **ROTOR ›**Arbre en AISI 420 particulièrement robuste , conduit par des coussinets à coquille anti-usure en graphite(ou bronze Bs Bp 15) et supporté par un palier de butée à patins oscillants (type Mitchell) dimensionner pour absorber les plus forts couts axiales de la pompe, avec un facteur de sécurité élevé. **LIQUIDE DE REMPLISSAGE ›**Le refroidissement du moteur et la lubrification des supports sont garantis par l'eau limpide mise dans le moteur même. **MEMBRANE DE COMPENSATION ›**positionnée dans la partie inférieur du moteur pour l'équilibrage de la pression intérieur a celui-ci avec celle extérieur dans le puit et pour la compensation de la variation du volume de l'eau, du au réchauffement lors du fonctionnement.

MOTORI 4” 6” 8” 10”

CE Tolleranze secondo
Tollerance according to - *Tolérances selon*
Tolerancias según norma EN UNI-ISO 9906

MOTORES SUMERGIDOS

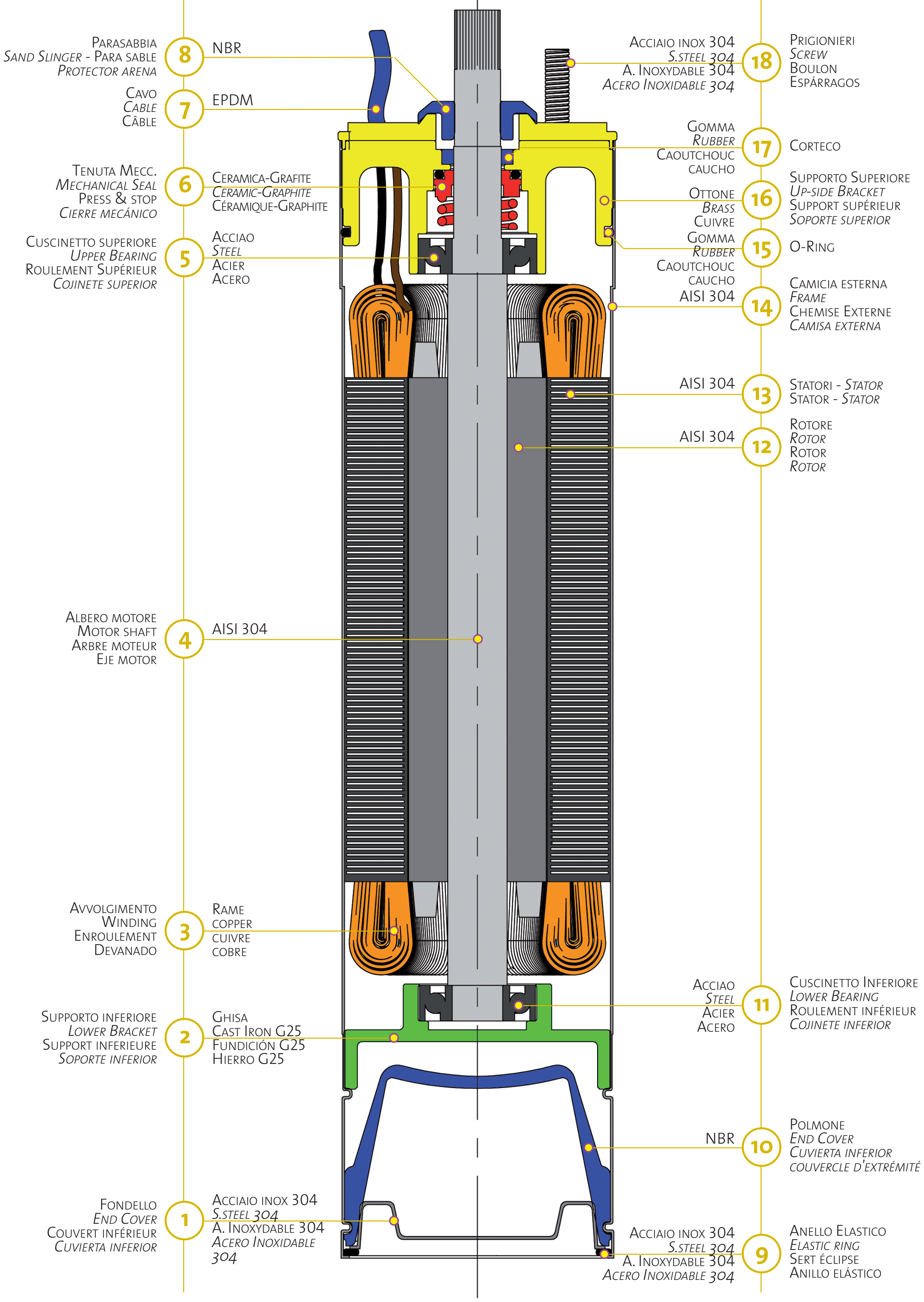
›La gama de fabricación PANELLI dispone de motores sumergidos para diámetros de 4” a 10” con potencias que van desde 0.33 HP a 200 HP. De 0.33 a 10 HP en 4" se fabrican en baño de aceite ó con resina. De 5,5 HP a 200 HP se fabrican los motores en baño de agua: **STATOR ›**bobinado del motor realizado en hilo de cobre electrolítico revestido de un material hidrófugo con grandes características dieléctricas. La temperatura de funcionamiento en el agua hasta 60°; bajo demanda se puede bobinar en PTFE, que permite el empleo dentro del aguas hasta 80° C. **ROTOR ›**Eje en AISI 420, particularmente robusto, conducido por dos cojinetes de desgaste en grafito (o bronze Bs Pb 15) y soportado por un cojinete tipo axial oscilante (type Mitchell) sobredimensionados que pueda soportar los esfuerzos axiales de la bomba con un alto nivel de seguridad. **LIQUIDO REEMPLAZAMIENTO ›**El enfriamiento del motor y la lubricación de las piezas están garantizadas con agua limpia, inmersa en todo el interior. Para los largos periodos de almacenamiento es conveniente colocar una cantidad de anticongelante. **MEMBRANA DE COMPENSACIÓN ›**Colocada en la parte inferior del motor para mantener el equilibrio de la presión interior del motor con la compensación entre el pozo y las variaciones de volumen de agua, evitando el calentamiento del motor durante el funcionamiento.

PANELLI®

MOTORI 4”

CE Tolleranze secondo - **Tolleranze according to** - *Tolérances selon* Tolerancias según norma EN UNI-ISO 9906 - **4” (100 mm)**

STANDARD CONSTRUCTION

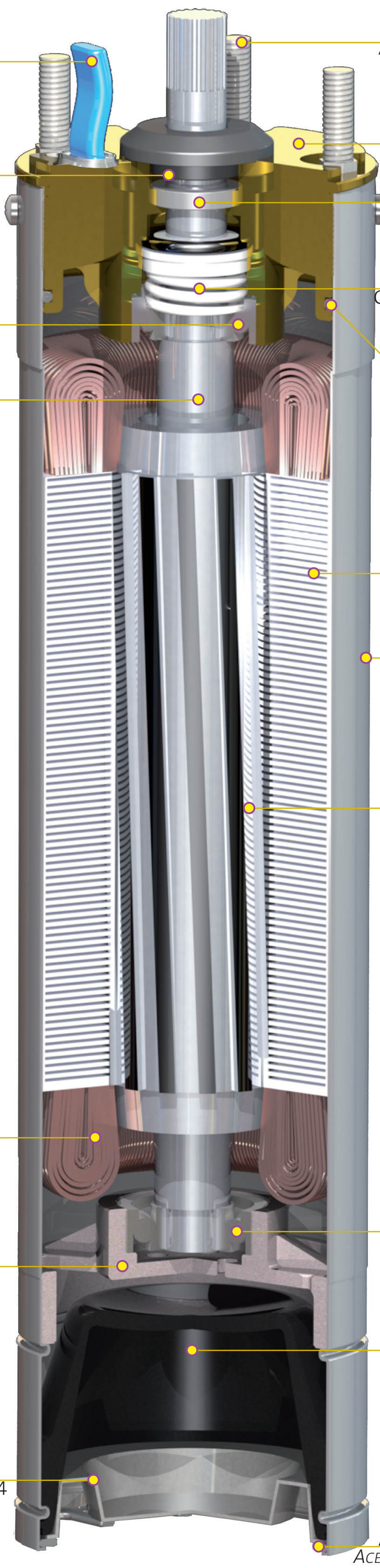


MOTORI

MOTORI 4”

CE Tolleranze secondo - **Tollerance according to** - *Tolérances selon* Tolerancias según norma EN UNI-ISO 9906 - **4” (100 mm)**

STANDARD CONSTRUCTION



MOTORI

MOTORI 4"

CE Tolleranze secondo - Tollerance according to - Tolérances selon
Tolerancias según norma EN UNI-ISO 9906 - 4" (100 mm)

DIMENSIONI DI INGOMBRO DEI MOTORI SOMMERSI 4" – 2 POLI – 50-60 Hz
OVERALL DIMENSIONS OF SUBMERSIBLE MOTOR 4" – 2 POLES – 50-60 Hz
DIMENSIONS D'ENCOMBREMENT DES MOTEURS IMMERGES 4" – 2 POLES – 50-60 Hz
DIMENSIONES Y PESOS DE LOS MOTORES SUMERGIDOS 4" – 2 POLES – 50-60 Hz

4" OIL COOLING SUBMERSIBLE MOTOR (220-230-240V - 50 HZ / 60 HZ)

Motor type	HP	KW	Axial Thrust	volt	Ampere	Cos Φ	Rpm	Cable Type	
								Nc x sec	L
								mm2	m
P 4007 m	0,75	0,55	1500 N	230±5%	4,9	0,99	2865	4x1.5	1
P 4010 m	1,0	0,75	1500 N	230±5%	6,5	0,98	2870	4x1.5	1
P 4015 m	1,5	1,1	2500 N	230±5%	9,4	0,99	2880	4x1.5	1,10
P 4020 m	2,0	1,5	2500 N	230±5%	11,5	0,99	2870	4x1.5	1,40
P 4030 m	3,0	2,2	2500 N	230±5%	14,7	0,99	2865	4x1.5	1,50

4" OIL COOLING SUBMERSIBLE MOTOR (380-400-415V - 50 HZ / 60 HZ)

Motor type	HP	KW	Axial Thrust	volt	Ampere	Cos Φ	Rpm	Cable Type	
								Nc x sec	L
								mm2	m
P 4010 t	1,0	0,75	1500 N	400±5%	2,2	0,74	2805	4x1.5	1
P 4015 t	1,5	1,1	2500 N	400±5%	3,0	0,74	2805	4x1.5	1,10
P 4020 t	2,0	1,5	2500 N	400±5%	4	0,77	2825	4x1.5	1,40
P 4030 t	3,0	2,2	2500 N	400±5%	5,7	0,78	2845	4x1.5	1,50
P 4040 t	4,0	3,0	2500 N	400±5%	7,4	0,78	2850	4x1.5	2
P 4055 t	5,5	4,0	4500 N	400±5%	10	0,82	2810	4x1.5	2,20
P 4075 t	7,5	5,5	4500 N	400±5%	13,5	0,80	2820	4x1.5	2,50
P 4100 t	10	7,5	4500 N	400±5%	17,3	0,80	2820	4x1.5	2,80

MOTORI

TECHNICAL FEATURES OF 4" PANELLI SUBMERSIBLE MOTORS:
• Shaft extension and coupling dimensions according to NEMA standards • Rewindable Stator • Class F insulation • Protection class: IP68 • Internal Fluid according to Standards for oils in contact with foodstuffs • Motor casing and bottom end made in stainless steel AISI 304 • High resistance Brass Upper Bracket • Axial and radial thrust ball bearing • Special cooling fluid for a better lubrificant effect to increase life of moving parts • Sandproof mechanical seal

OPERATING LIMITS:
• Maximum permissible line voltage variation 230V ±5% - 400 V ±5% • maximum water Temperature 40°C • Maximum
motor starting per hour: 30 • Axial thrust 4500 N for all the range
VERSIONS:
• Single-phase: 0,55 to 2,2 KW : 220-230-240V-50 HZ/60 H Z • Three-phase: 0,75 to 7,5 kw : 380-400-415V - 50 HZ / 60 HZ

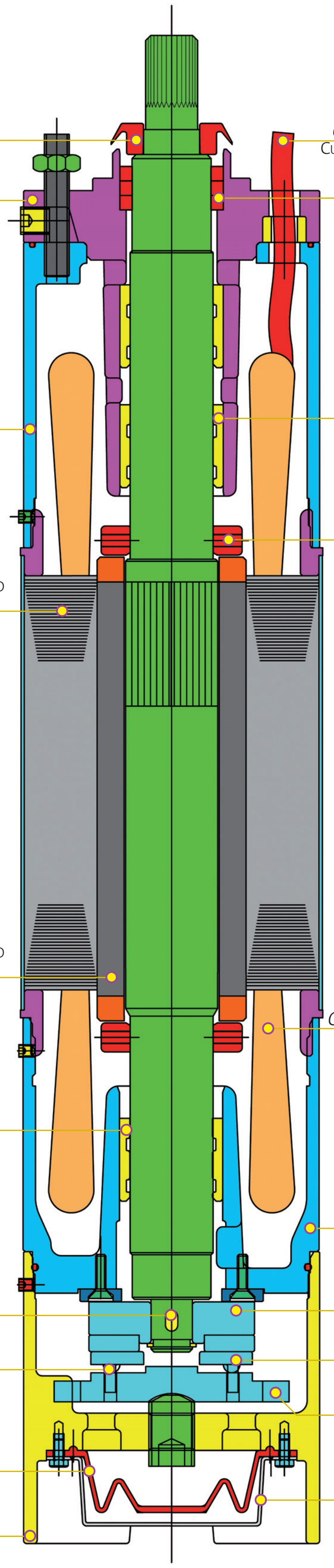
PANELLI®

MOTORI 6" 8" 10"

CE Tolleranze secondo
Tollerance according to - *Tolérances selon*
Tolerancias según norma EN UNI-ISO 9906

STANDARD CONSTRUCTION

No.	DESCRIPTION	MATERIAL
20	Deflettore - *Deflector* Deflecteur - Deflectorr	Gomma - *Rubber* Caoutchouc Caucho
17*	Supporto Superiore *Upper Support* Support Supérieure Soporte superior	Ghisa G25 *Cast Iron G25* Fonte G25 Hierro G 25
15*	Testata Superiore *Motor Casing* Carcasse Moteur Tapa superior Motor	Ghisa G25 *Cast Iron G25* Fonte G25 Hierro G 25
13	Gruppo Statore *Complete Stator* Stator Complet Stator Completo	Lamierino Magnetico *Magnetic Lamination* Tole Magnétique Laberinto magnético
9	Rotore *Rotor* Rotor Rotor	Lamierino Magnetico *Magnetic Lamination* Tole Magnétique Laberinto magnético
11	Bronzina Supporto Inferiore *Support Bearing* Coussinet Support *Cojinete soporte inferior*	Acciaio / Grafite *Steel / Graphite* Acier / Graphite Acero / Graphito
7	Chiavetta - *Key* Clavette - Chaveta	AISI 304
5	Sospensione *Trust Bearing* Butee complete Pastillas cojinete axial	AISI 304
3	Polmone - *Diaphram* Membrane - Membrana	Gomma - *Rubber* Caoutchouc Caucho
1	Base *Base* Base *Base*	Ghisa G25 *Cast Iro n G25* Fonte G25 Hierro G25
19	Cavetto - *Cable* Cable - Cable	Rame isolato in Gomma *Copper insuleted in Rubber* Cuivre isolé en Caoutchouc Rubber
18	Anello di Tenuta *Seal Ring* Bague d'etanchejte Aro cierre	Gomma - *Rubber* Caoutchouc Caucho
16	Bronzina Supporto Superiore *Support Bearing* Coussinet Support *Soporte superior*	Acciaio / Grafite *Steel / Graphite* Acier / Graphite Acero / Graphito
14	Equilibratore *Stabilizer* Equilibreur Equilibrador	Acciaio *Steel* Acier Acero
12	Avvolgimento *Stator Winding* Bobinage Stator Bobinado Stator	Rame isolato in PVC *Copper insuleted in PVC* Cuivre isolé en PVC Cobre aislado en PVC
10*	Supporto Inferiore Lower Support Support Inferieur Soporte inferior	Ghisa G25 *Cast Iro n G25* Fonte G25 Hierro G25
8	Disco Supporto Carbone - Porta cojinetes - *Coal Disk Sit Plate* Carbon	AISI 304
6	Disco Carbone - *Coal Disk* Disque Carbon - Disco Carbon	Grafite - *Graphite* Graphite
4	Disco Supporto Sospensione *Trust Bearing Sit Plate* Disque Appui - Porta cojinetes	Ghisa G25 *Cast Iro n G25* Fonte G25 Hierro G25
2	Carter Polmone *Cover for base* Couvercle pour base Carter pulmón	AISI 304

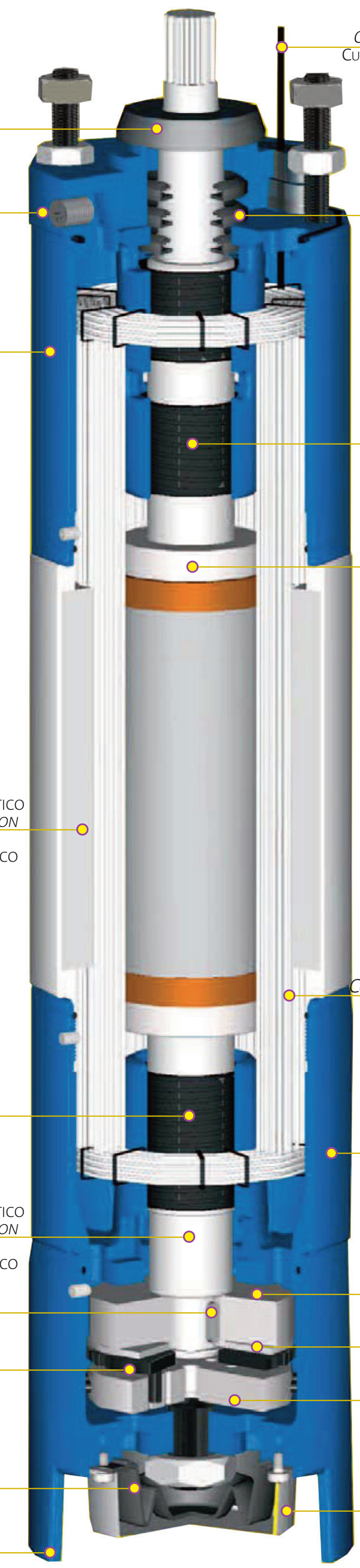


MOTORI

MOTORI 6” 8” 10”

CE Tolleranze secondo
Tollerance according to - *Tolérances selon*
Tolerancias según norma EN UNI-ISO 9906

STANDARD CONSTRUCTION



DESCRIPTION	MATERIAL	N.
Deflettore - *Deflector* Deflecteur - Deflectorr	Gomma *Rubber* Caoutchouc	20
Supporto Superiore *Upper Support* Support Supérieure Soporte superior	Ghisa G25 *Cast Iron G25* Fonte G25 Hierro G 25	17*
Testata Superiore *Motor Casing* Carcasse Moteur Tapa superior Motor	Ghisa G25 *Cast Iron G25* Fonte G25 Hierro G 25	15*
Gruppo Statore *Complete Stator* Stator Complet Stator Completo	Lamierino Magnetico *Magnetic Lamination* Tole Magnétique Laberinto magnético	13
Bronzina Supporto Inferiore *Support Bearing* Coussinet Support *Cojinete soporte inferior*	Acciaio / Grafite *Steel / Graphite* Acier / Graphite Acero / Graphito	11
Rotore *Rotor* Rotor Rotor	Lamierino Magnetico *Magnetic Lamination* Tole Magnétique Laberinto magnético	9
Chiavetta *Key* - Clavette - *Chaveta*	AISI 304	7
Sospensione *Trust Bearing* Butee complete Pastillas cojinete axial	AISI 304	5
Polmone - *Diaphram* Membrane - Membrana	Gomma *Rubber* Caoutchouc	3
Base *Base* Base Base	Ghisa G25 *Cast Iron G25* Fonte G25 Hierro G 25	1

N.	MATERIAL	DESCRIPTION
19	Rame isolato in Gomma *Copper insuleted in Rubber* Cuivre isolé en Caoutchouc Rubber	Cavetto - *Cable* Cable - Cable
18	Gomma - *Rubber* Caoutchouc Caucho	Anello di Tenuta *Seal Ring* Bague d'etanchejte Aro cierre
16	Acciaio / Grafite *Steel / Graphite* Acier / Graphite Acero / Graphito	Bronzina Supporto Superiore *Support Bearing* Coussinet Support *soporte superior*
14	Acciaio *Steel* Acier Acero	Equilibratore *Stabilizer* Equilibreur Equilibrador
12	Rame isolato in PVC *Copper insuleted in PVC* Cuivre isolé en PVC Cobre aislado en PVC	Avvolgimento *Stator Winding* Bobinage Stator Bobinado Stator
10*	Ghisa G25 *Cast Iro n G25* Fonte G25 Hierro G25	Supporto Inferiore Lower Support Support Inferieur Soporte inferior
8	AISI 304	Disco Supporto Carbone - Porta cojinetes - *Coal Disk Sit Plate* Carbon
6	Grafite - *Graphite* Graphite	Disco Carbone - *Coal Disk* Disque Carbon - Disco Carbon
4	Ghisa G25 *Cast Iro n G25* Fonte G25 Hierro G25	Disco Supporto Sospensione *Trust Bearing Sit Plate* Disque Appui - Porta cojinetes
2	AISI 304	Carter Polmone *Cover for base* Couvercle pour base Carter pulmón

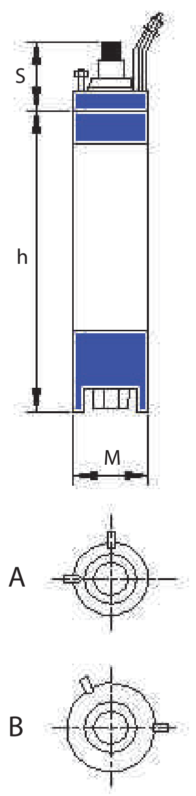
MOTORI

MOTORI 6" 8" 10"

CE Tolleranze secondo
Tollerance according to - Tolérances selon
Tolerancias según norma EN UNI-ISO 9906

DIMENSIONI DI INGOMBRO DEI MOTORI SOMMERSI - 6"/8"/10"-2 POLI 50-60Hz
OVERALL DIMENSIONS OF SUBMERSIBLE MOTORS - 6"/8"10"-2 POLES 50-60Hz
DIMENSIONS D'ENCOMBREMENT DES MOTEURS IMMERGES - 6"/8"/10"-2 POLES 50-60Hz
DIMENSIONES Y PESOS DE LOS MOTORES SUMERGIDOS - 6"/8"/10"-2 POLOS 50-60Hz

P6" - P8" - P10"

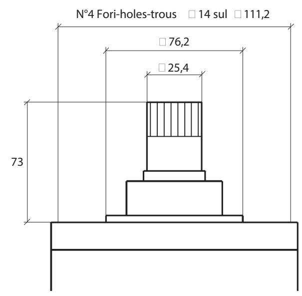


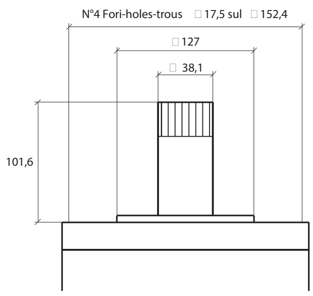
Sporgenza d'albero / Shaft projection / Saillie d'arbre	S mm
NEM A 6"	73
NEMA 8"	101,6
10"	16

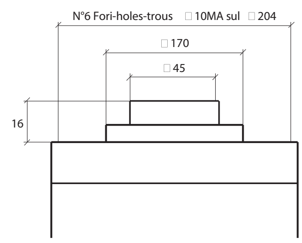
Diametro nominale / Nominal diameter / Diametre nominale	Motore tipo / Motor type / Type moteur	h	M	Uscita cavi - Cables outlets - Sortie des càbles — Sezione in mm2 - Cross section mm2 - Section en mm2 — Avviamento - Starting - Démarrage — Diretto / Direct / Direct		Diretto / Direct / Direct		Lunghezza / Lenght / Longeur	Posizione / Position / Position	Peso motore / Motor weight / Poids moteur
		mm	mm	400V ±5%	230V ±5%	230/240 V	400/690 V	m		kg
6"	P 605	565	145	3x(1x4)	3x(1x2,5)	6x(1x2,5)	6x(1x2,5)	3	A	41
	P 607	590								44
	P 610	620		3x(1x6)	3x(1x4)	6x(1x6)	6x(1x2,5)			48
	P 612	670								53
	P 615	730								60
	P 617	760		3x(1x10)	3x(1x6)		6x(1x4)			63
	P 620	850								72
	P 625	910		3x(1x10)	3x(1x10)		6x(1x6)			78
	P 630	990								88
	P 635	1100		3x(1x16)		6x(1x10)				100
	P 640	1170		6x(1x10)	3x(1x16)		6x(1x10)			107
	P 650	1260								115
8"	P 850	1120	194	3x(1x25)	3x(1x16)	6x(1x16)	6x(1x10)			155
	P 860	1220								169
	P 875	1370		6x(1x25)	3x(1x25)	6x(1x25)	6x(1x16)			196
	P 890	1490								229
	P 8100	1590								244
	P 8125	1740								256
10"	P 10100	1410	240	-	3x(1x35)	-	6x(1x25)		B	305
	P 10125	1540								355
	P 10150	1730			3x(1x50)		6x(1x35)			405
	P 10175	1910								465

Flangia accoppiamento - Coupling flange - Bride d'accouplement

P6" (norme NEMA-NEMA standard-norm NEMA)	P8" (norme NEMA-NEMA standard-norm NEMA)	P10"







MOTORI

MOTORI 6" 8" 10"

CE Tolleranze secondo
Tollerance according to - Tolérances selon
Tolerancias según norma EN UNI-ISO 9906

CARATTERISTICHE ELETTRICHE DEI MOTORI SOMMERSI - 6"/8"/10"-2 POLI 50-60Hz
ELECTRIC FEA TURES OF SUBMERSIBLE MOTORS - 6"/8"/10"-2 POLES 50-60Hz
CARACTERISTIQUES ELCTRIQUES DES MOTEURS IMMERGES - 6"/8"/10"-2 POLES 50-60Hz
CARACTERÍSTICAS ELÉCTRICAS DE LOS MOTORES - 6"/8"/10"-2 POLOS 50-60Hz

PROTEZIONE: IP 68 - ISOLAMENTO: CLASSE F
PROTECTION: IP 68 - INSULATION: CLASS F
PROTECTION: IP 68 - ISOLEMENT: CLASS F
PROTECCIÓN: IP 68 - AISLAMIENTO: CLASSE F

Diametro nominale Nominal diameter Diametre nominale	Motore tipo Motor type Type moteur	Potenza nominale Rated power Puissance nominale		In Corrente nominale Rated current Courant nominale		η % Rendimento in % Effiiency in % Rendement enn %			cos φ Fattore di potenza Power factor Facteur de puissance			Avviamento Starting Démarrage Diretto Starting Démarrage		Stella-triangolo Star-delta Etoile-triangle	Statorico Statoric Statorique	Carico assiale Axial load Charge axial	Temperatura max. acqua Max water temperature Temperature max eau	Max avviamento/ora Start/hour max Max démerrages/heure
		CV	KW	230V ±5%	400V ±5%	4/4	3/4	2/4	4/4	3/4	2/4	Cs/Cn	Is/In	Is/In	Is/In	daN	°C	No.
6"	P 605	5,5	4	17	10	79	80	75	80	76	65	1,6	5,4	1,8	3,2	2500	30	12
	P 607	7,5	5,5	21,5	12,5	80	81	76	81,5	76,5	65,5	1,6	5,6	1,9	3,4			
	P 610	10	7,5	29,5	17	81	82	77	81,5	77	66	1,8	5,7	1,9	3,4			
	P 612	12,5	9,2	36	21	82	82,5	78	82	77	66	1,8	5,7	1,9	3,4			
	P 615	15	11	42,5	24,5	83	83,5	79	82	77	66	1,9	5,9	2	3,5			
	P 617	17,5	13	49	28	84	84,5	80	82,5	78	67	1,9	6	2	3,6			
	P 620	20	15	55,5	32	84	85	80,5	83	78	67	1,8	5,9	2	3,5			
	P 625	25	18,5	69	40	84	84,5	80	83,5	78	68	1,7	5,6	1,9	3,4		30	10
	P 630	30	22	82	47,5	85	85,5	81	83,5	78,5	68	1,7	5,9	2	3,5			
	P 635	35	26	95	55	85	86	81	84	79	68	1,7	5,7	1,9	3,4			
	P 640	40	30	108	62,5	85,5	86,5	82	85	79	68	1,7	5,6	1,9	3,4			
	P 650	50	37	135	78	85	86	81	85	79	68	1,6	5,6	1,9	3,4			
8"	P 850	50	37	135	78	84	85	83	86,5	83,5	76	2,05	6,4	2,1	3,8	4500	30	10
	P 860	60	44	159	92	84	85	83	87	84	77	1,95	5,7	2	3,7			
	P 875	75	55	196,5	113,5	84,5	85,5	83,5	87,5	85	77,5	1,95	5,8	2	3,7			
	P 890	90	66	233	134,5	85	85,5	83,5	88	85	78	1,85	5,8	2	3,6		30	8
	P 8100	100	75	259	149,5	85	86	83	88	85	78	1,8	5,7	1,9	3,5			
	P 8125	125	92	319.5	185	85	86	83	88	85	78	1,8	5,7	1,9	3,5			
10"	P 10100	100	75	259	149,5	85	86	83	88	85	78	1,8	6,4	1,9	3,4	4500	30	6
	P 10125	125	92	319,5	185	86	85,5	83	88	85	78	1,7	6,3	1,9	3,4			
	P 10150	150	110	379	219	86	85,5	85	89	86	79	1,6	6,7	1,8	3,3			
	P 10175	175	129	440	254,5	85,5	86,5	85	90	87	80	1,55	6,5	1,8	3,3			

Fattore di servizio : 50Hz=1 60Hz=1,2
Service factor : 50Hz=1 60Hz=1,2
Facteur de service : 50Hz=1 60Hz=1,2
Factor de servicio : 50Hz=1 60Hz=1,2

Senso di rotazione (visto dal lato sporgenza albero): antiorario
Direction of rotation (view from shaft projection side: anti-colckwise
Sens de rotation (vu du còté bout d'arbre): antihoraire
Sentido de rotación (vu du còté bout d'arbre): antihoraire

Cs = Coppia di avviamento
Starting torque
Couple de démarrage
Par de arranque

Cn = Coppia nominale
Nominal couple
Couple nominal
Par naminal

Is = Corrente di avviamento
Starting current
Intensité du démarrage
Intensidad de arranque

In = Coppia nominale
Nominal current
Intensité nominale
Intensidad nominal

MOTORI

PANELLI®

MOTORI 6” 8” 10”

CE Tolleranze secondo
Tollerance according to - *Tolérances selon*
Tolerancias según norma EN UNI-ISO 9906

CAVI ELETTRICI - LUNGHEZZA MASSIMA IN METRI
ELECTRIC CABLES - MAXIMUM LENGHT IN METERS
CABLES ELECTRIQUES - LONGUEUR MAXIMALE EN METERS
CABLES ELECTRICOS - LONGITUD MÁXIMA EN METROS

V 230 3 FASE - 3 PHASES		AVVIAMENTO DIRETTO o STATORICO - DIRECT or STATORIC STARTING - DEMARRAGE DIRECT ou STATORIQUE																	
MOTORE MOTOR - MOTEUR		1 CAVO 1 CABLE 3 x...mm2									3 CAVI 3 CABLES 1 x...mm2								
		1	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	300	400
kw	HP	Lunghezza max - Max lenght - Longueur max ..m																	
0,37	0,5	185	273																
0,55	0,75	127	191	319															
0,73	1	92	138	230	368														
1,1	1,5	67	100	167	268	402													
1,5	2	51	77	128	204	306													
2,2	3	35	53	89	142	213	356												
3	4		39	65	104	156	260	416											
3,7	5		35	58	92	139	232	371											
4	5,5			46	73	110	184	294	460										
5,5	7,5			38	60	91	152	243	380										
7,5	10				48	69	116	184	290	406									
9,2	12,5					56	92	148	231	323	420								
11	15						80	127	201	282	344								
13	17,5						68	110	171	239	295	413							
15	20						59*	95	149	208	257	360							
18,5	25							78	121	170	206	288							
22	30							61*	96	134	172	241	327						
26	35								84*	117	152	214	290	366					
30	40									102	132	185	251	318	397				
37	50										103	144	195	247	309	381			
45	60										84*	120	162	206	257	317	410		

V 400 3 FASE - 3 PHASES		AVVIAMENTO DIRETTO o STATORICO - DIRECT or STATORIC STARTING - DEMARRAGE DIRECT ou STATORIQUE																	
MOTORE MOTOR - MOTEUR		1 CAVO 1 CABLE 3 x...mm2									3 CAVI 3 CABLES 1 x...mm2								
		1	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	300	400
kw	HP	Lunghezza max - Max lenght - Longueur max ..m																	
0,37	0,5	557																	
0,55	0,75	383																	
0,73	1	277	416																
1,1	1,5	201	302																
1,5	2	154	230	384															
2,2	3	107	160	267	427														
3	4	78	117	195	312	468													
3,7	5	70	105	175	280	420													
4	5,5	58	84	140	224	336													
5,5	7,5	46	69	115	184	276	460												
7,5	10		52	87	139	208	348												
9,2	12,5			69	111	167	278	445											
11	15				96	145	242	387											
13	17,5				82	123	206	330	515										
15	20				72*	107	179	287	449										
18,5	25					88	146	234	366										
22	30					69*	115	184	287	400									
26	35						94*	151	235	330									
30	40							134	210	288	386								
37	50							107*	169	238	309	432							
45	60								140	196	258	362							
55	75								108*	152	213	298	404						
66	90									135*	178	249	338	426					
75	100										151*	211	286	362					
90	125											165	224	283	354	437			
110	150											142*	182	243	304	375			
132	180												157*	198	247	305	295		
147	200													174	228	281	364		
170	230														200	246	319	398	
191	260															220	285	358	
220	300																248	307	408
250	340																219	274	365

MOTORI

PANELLI®

MOTORI 6" 8" 10"

CE Tolleranze secondo
Tollerance according to - *Tolérances selon*
Tolerancias según norma EN UNI-ISO 9906

CAVI ELETTRICI - LUNGHEZZA MASSIMA IN METRI
ELECTRIC CABLES - MAXIMUM LENGHT IN METERS
CABLES ELECTRIQUES - LONGUEUR MAXIMALE EN METERS
CABLES ELECTRICOS - LONGITUD MÁSIMA EN METROS

V 230 3 FASE - 3 PHASES		AVVIAMENTO STELLA TRIANGOLO - STAR DELTA STARTING - DEMARRAGE ETOILE TRIANGLE																	
MOTORE MOTOR - MOTEUR		2 CAVO 2 CABLES 3 x...mm2									6 CAVI 6 CABLES 1 x...mm2								
		1	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	300	400
kw	HP	Lunghezza max - Max lenght - Longueur max ..m																	
3,7	5		54	90	143	216	361												
5,5	7,5		35	59	93	141	236	378											
7,5	10			45	71	107	180	288	443										
9,2	12,5			36	58	87	143	228	357										
11	15				49	74	124	198	310	434									
13	17,5					64	106	169	265	371									
15	20					55	91	145	227	318	410								
18,5	25					45*	75	121	189	264	329								
22	30						60*	95	149	209	275	386							
26	35							83	130	182	244	342	465						
30	40							73*	114	159	212	297	403						
37	50								88	123	166	232	315	398					
45	60								71	100	137	192	261	329	398				
55	75									79	113	158	216	272	341				
66	90									64	95	133	180	228	285	351			
75	100										81	113	164	194	242	301	390		

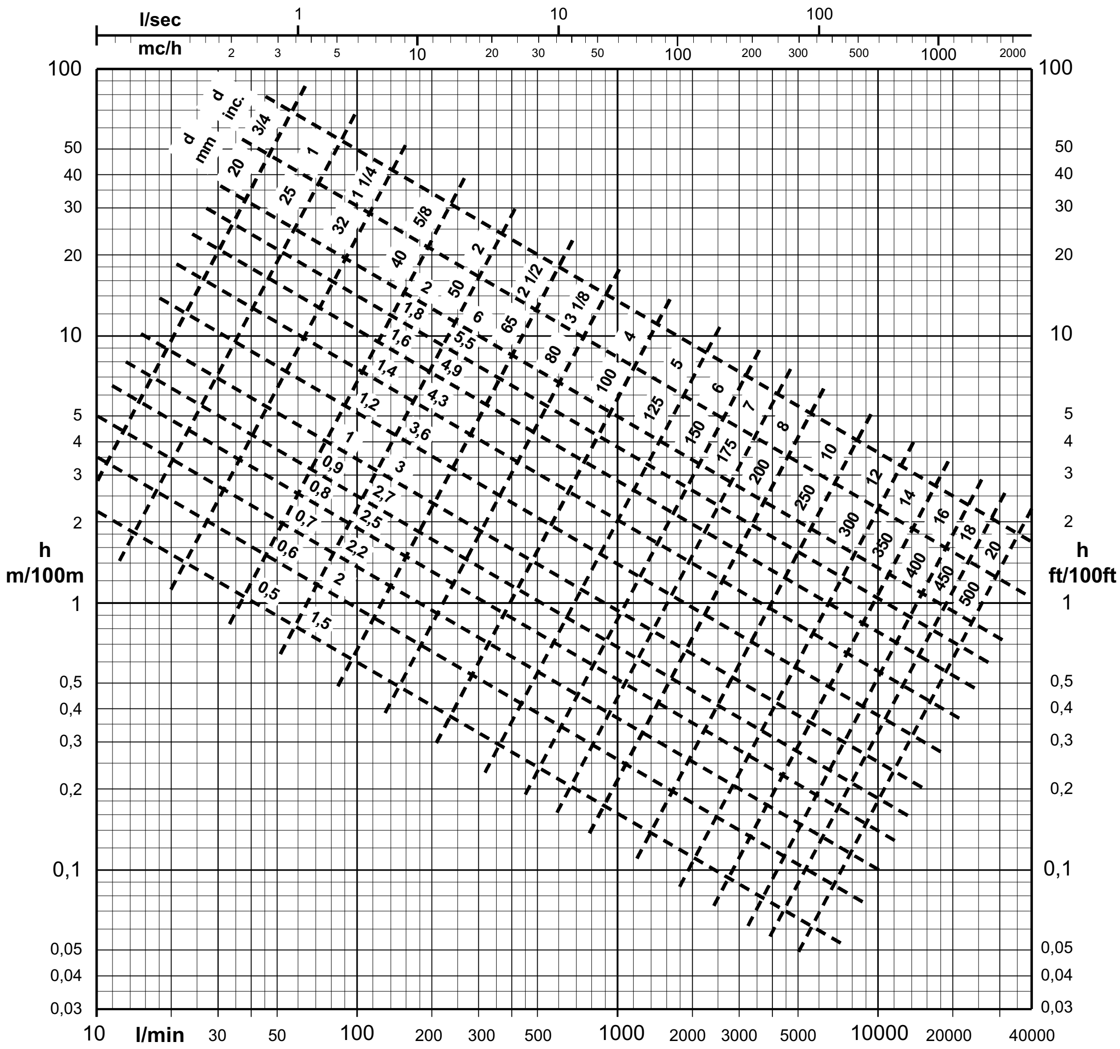
V 400 3 FASE - 3 PHASES		AVVIAMENTO STELLA TRIANGOLO - STAR DELTA STARTING - DEMARRAGE ETOILE TRIANGLE																	
MOTORE MOTOR - MOTEUR		2 CAVI 2 CABLES 3 x...mm2									6 CAVI 6 CABLES 1 x...mm2								
		1	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	300	400
kw	HP	Lunghezza max - Max lenght - Longueur max ..m																	
9,2	12,5		64	107	173	260	433												
11	15		56	93	149	226	377												
13	17,5			79	127	191	318	509											
15	20			70	112	166	276	442											
18,5	25			57	91	137	227	365											
22	30				71	107	178	284	445										
26	35					94	156	250	392										
30	40					78	130	208	325	455									
37	50					83*	105	168	283	371	495								
45	60						87*	138	217	304	412								
55	75							108*	171	239	341								
66	90								138	193	285	400							
75	100								117	164	242	339	460						
90	125									128	189	264	359	453					
110	150										166	233	315	398					
132	180										136*	190	258	325	406				
147	200											176	239	300	376				
170	230												210	263	330	407			
191	260												187	234	294	362			
220	300													202	254	312	406		
250	340													180*	228	278	361	451	

V 230 1 FASE - 1 PHASES									
MOTORE MOTOR - MOTEUR		1 CAVO 1 CABLE 3 x...mm2							
		1	1,5	2,5	4	6	10	16	25
kw	HP	Lunghezza max - Max lenght - Longueur max ..m							
0,25	0,33	113	169	282					
0,37	0,5	85	128	214	342				
0,55	0,75	60	90	150	240	360			
0,73	1	48	72	120	192	288			
1,1	1,5	27	40	67	104	162	270		
1,5	2	20	30	50	80	120	200	320	
2,2	3	-	-	30	48	72	120	185	246

Nota: (*) solo per cavo in neoprene - (*) for neoprene cable only - (*) suelement puor cavle en neoprene - (*) solo para cable en neopreno. Le tabelle sono riferite ad acqua a 30°C. Se la temperatura è superiore, interpellate il nostro ufficio tecnico - Tables are referred to water 30°C. If temperature is higher please apply our technical departement. - Las tablas se refieren con la temperatura del agua a 30°C. Si la temperatura es superior contactar con nuestro departamento técnico. Les tableaux sont référés à l'eau 30°C. Si la température est supérieure contacter notre bureau technique. Per tenisone 415 V la lunghezza dei cavi indicata nelle tabelle a 380 V può essere aumentata del 10%. For 415 V the cables lenght shown in the 380 tables can be increased by 10% - Puor tension 415 V la longueur des cables indiquée dans les tableaux ° 380 peut etre augmentée du 10%. Para tension 415 V la longitud de los cables indicada en la tabla de 380 tiene que ser aumentada un 10%.

MOTORI

PERDITE DI CARICO IN M OGNI 100 METRI DI TUBAZIONE DIRITTA
FRICTION LOSSES IN FEET EVERY 100 FEET OF STRAIGHT PIPELINE
PERTES DE CHARGE EN METRES POUR 100 METERS DU TUYAUTERIE DROITE
PERDIDAS DE CARGA POR CADA 100 METROS DE TUBERÍA RÍGIDA



NOTE
I valori sopra indicati si intendono per tubi internamente lisci in ghisa. Per una valutazione di massima, le perdite di carico devono essere moltiplicate per:
0,8 per tubi di acciaio laminati nuovi
1,25 per tubi di acciaio leggermente arrugginiti
0,7 per tubi di alluminio
0,65 per tubi in PVC
1,25 per tubi in fibra-cemento
Q = Portata in litro minuto
V = Velocità dell'acqua in metri al secondo
d = diametro del tubo in mm
h = perdita di carico in metri di colonna d'acqua

NOTES
Above mentioned values are to be intended for internally smooth cast iron pipes. For an approximative evaluation, friction losses must be multiplied for:
0,8 for new rolled steel pipes
1,25 for slightly rusted steel pipes
0,7 for aluminium pipes
0,65 for PVC pipes
1,25 for asbestos cement pipes
Q = capacity, liters per minute
V = velocity of water, meters per second
d = diameter od pipe, mm
h = friction loss, feet of water column

NOTES
Les valeurs doivent s'entendre pour tuyaux en fonte, lisses à l'interieur. Pour une évaluation approximative, les pertes de charge doivent etre multiplées par:
0,8 pour tuyaux laminés nouveaux en acier
1,25 pour tuyaux légèrement rouillés en acier
0,7 pour tuyaux en aluminium
0,65 pour tuyaux en PVC
1,25 pour tuyaux fibro-ciment
Q = débit en litres minute
V = vitesse de l'eau en mètres seconde
d = diamètre interieur du tuyau en mm
h = perte de charge en mètres de colonne d'eau

NOTAS
Los valores son indicativos, se entiende para tuberia fundición, lisas en el interior. Para una utilización adecuada, las pérdidas de carga deben ser multiplicadas por:
0,8 para tuberia de acero nueva
1,25 para tuberia de acero ligeramente arrugada
0,7 para tuberia de aluminio
0,65 para tuberia en PVC
1,25 para tuberia en fibro-cimento
Q = Caudal litros minuto
V = Velocidad el agua en metros por segundo.
d = Diámetro interior del tubo en mm
h =Pérdidas de carga en metros de columna de agua.

MOTORI 6" 8" 10"

CE Tolleranze secondo
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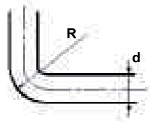
Tolerancias según norma EN UNI-ISO 9906

PERDITE DI CARICO IN CM DI COLONNA D'ACQUA
CHARGE LOSSES IN CM OF WATER COLUMN
PERTES DE CHARGE EN CM DE COLONNE D'EAU
PERDIDAS DE CARGA EN CM DE COLUMNA DE AGUA

PERDITE DI CARICO IN CM DI COLONNA D'ACQUA
CHARGE LOSSES IN CM OF WATER COLUMN
PERTES DE CHARGE EN CM DE COLONNE D'EAU

Velocità dell'acqua in m/s Water speed in m/s - Vitesse eau en m/s	CURVE AD ANGOLO VIVO OBTUSE ANGLE CURVES CURVES ANGLE OBTUS 					CURVE NORMALI NORMAL CURVES CURVES NORMALES 					Saracinesche normali Normal sluice gates - Vannes normales	Valvole di fondo Foot valve - Clapets de pied	Valvole di ritegno Non return valve - Clapets de retour	Perdite di energia all'uscita dei tubi di scarico V2/2G Energy losses at the exit of discharge pipes V2/2G Perte energie a la sortie tubes de chargement
	a = 30°	a = 40°	a = 60°	a = 80°	a = 90°	$\frac{d}{R}$ = 0,4	$\frac{d}{R}$ = 0,6	$\frac{d}{R}$ = 0,8	$\frac{d}{R}$ = 1	$\frac{d}{R}$ = 1,5				
0,1	0,03	0,04	0,05	0,07	0,08	0,007	0,008	0,01	0,0155	0,027	0,03	30	30	0,05
0,15	0,06	0,73	0,1	0,14	0,17	0,016	0,019	0,024	0,033	0,06	0,033	31	31	0,12
0,2	0,11	0,13	0,18	0,26	0,31	0,028	0,033	0,04	0,058	0,11	0,058	31	31	0,21
0,25	0,17	0,21	0,28	0,4	0,48	0,044	0,052	0,063	0,091	0,17	0,09	31	31	0,32
0,3	0,25	0,3	0,41	0,6	0,7	0,063	0,074	0,09	0,13	0,25	0,13	31	31	0,46
0,35	0,33	0,4	0,54	0,8	0,93	0,085	0,1	0,12	0,18	0,33	0,18	31	31	0,62
0,4	0,43	0,52	0,71	1	1,2	0,11	0,13	0,16	0,23	0,43	0,23	32	31	0,82
0,5	0,67	0,91	1,1	1,6	1,9	0,18	0,21	0,26	0,37	0,67	0,37	33	32	1,27
0,6	0,97	1,2	1,6	2,3	2,8	0,25	0,29	0,36	0,52	0,97	0,52	34	32	1,84
0,7	1,35	1,65	2,2	3,2	3,9	0,34	0,4	0,48	0,7	1,35	0,7	35	32	2,5
0,8	1,7	2,1	2,8	4	4,8	0,45	0,53	0,64	0,93	1,7	0,95	36	33	3,3
0,9	2,2	2,7	3,6	5,2	6,2	0,57	0,67	0,82	1,18	2,2	1,2	37	34	4,2
1	2,7	3,3	4,5	6,4	7,6	0,7	0,82	1	1,45	2,7	1,45	38	35	5,1
1,5	6	7,3	10	14	17	1,6	1,9	2,3	3,3	6	3,3	47	40	11,5
2	11	14	18	26	31	2,8	3,3	4	5,8	11	5,8	61	48	20,4
2,5	17	21	28	40	48	4,4	5,2	6,3	9,1	17	9,1	78	58	32
3	25	30	41	60	70	6,3	7,4	9	13	25	13	100	71	46
3,5	33	40	55	78	93	8,5	10	12	18	33	18	123	85	62
4	43	52	70	100	120	11	13	16	23	42	23	150	100	82
4,5	55	67	90	130	160	14	21	26	37	55	37	190	120	103
5	67	82	110	160	190	18	29	36	52	67	52	220	140	127

1) La perdita di carico nelle curve è soltanto dovuta alla contrazione dei filetti liquidi per cambiamento di direzione: lo sviluppo delle curve deve essere compreso nella lunghezza della tubazione.
2) La perdita di carico nelle valvole e saracinesche è stata determinata in base a prove pratiche.

1) The charge loss in the curves is only the one due to the reduction of the liquide threads for the changing of direction: the curves development has to be include in the length of the pipeline.
2) The charge loss in the valves and sluice-gates has been calculated according to practical tests.

1) Le perte de charge dans les courbes est seulement due à la contraction des filets liquides pour le changement de direction: le devéloppement des courbes doit etre compris dans la longueur de la tuyauterie.
2) La perte de charge dans les clapets et les vannes a été determinée sur la base d'essais pratiques

1) La pérdida de carga en las curvas solamente se debe a la contracción de las redes líquidas para el cambio de dirección: el desarrollo de las curvas debe incluirse en la longitud de la tuberia.
2) La pérdida de carga en las válvulas y en esclusas se determinó sobre banco pruebas.

RELAZIONI TRA LE PORTATE
RELATION BETWEEN CAPACITIES
RELATION ENTRE LES DEBITS
RELACIÓN ENTRE LOS CAUDALES

RELAZIONI TRA LE PORTATE
RELATION BETWEEN CAPACITIES
RELATION ENTRE LES DEBITS

l/s	l/min	m3/h	m3/h	l/s	l/min
1	60	3,6	**1**	0,277	16,66
2	120	7,2	**2**	0,555	33,33
3	180	10,8	**3**	0,833	50
4	240	14,4	**4**	1,111	66,66
5	300	18	**5**	1,138	83,33
6	360	21,6	**6**	1,666	100
7	420	25,2	**7**	1,944	116,66
8	480	28,8	**8**	2,222	133,33
9	540	32,4	**9**	2,5	150
10	600	36	**10**	2,777	166,66
12	720	43,2	**12**	3,333	200
14	840	50,4	**14**	3,888	233,33
16	960	57,6	**16**	4,444	266,66
18	1080	64,8	**18**	5	300
20	1200	72	**20**	5,555	333,33
25	1500	90	**25**	6,944	416,66
30	1800	108	**30**	8,333	500
35	2100	126	**35**	9,722	583,33
40	2400	144	**40**	11,111	666,66
45	2700	162	**45**	12,5	750
50	3000	180	**50**	13,888	833,33
55	3300	198	**55**	15,277	916,66
60	3600	216	**60**	16,666	1000
65	3900	234	**65**	18,055	1083,33
70	4200	252	**70**	19,444	1166,66
75	4500	270	**75**	20,833	1250
80	4800	288	**80**	20,222	1333,33
85	5100	306	**85**	23,611	1416,66
90	5400	324	**90**	25	1500
95	5700	342	**95**	26,388	1583,33
100	6000	360	**100**	27,777	1666,66
110	6600	396	**110**	30,555	1833,33
120	7200	432	**120**	33,333	2000
130	7800	468	**130**	36,111	2166,66
140	8400	504	**140**	38,888	2333,33
150	9000	540	**150**	41,666	2500
160	9600	576	**160**	44,444	2666,66
170	10200	612	**170**	47,222	2833,33
180	10800	648	**180**	50	3000
190	11400	684	**190**	52,777	3166,66
200	12000	720	**200**	55,555	3333,33
250	15000	900	**250**	69,444	4166,66
300	18000	1080	**300**	83,333	5000
350	21000	1260	**350**	97,222	5833,33
400	24000	1440	**400**	111,111	6666,66
450	27000	1620	**450**	125	7500
500	30000	1800	**500**	138,888	8333,33
600	3600	2160	**600**	166,666	10000
700	42000	2520	**700**	194,444	11666,66
800	48000	2880	**800**	222,222	13333,33
900	54000	3240	**900**	250	15000
1000	60000	3600	**1000**	277,777	16666,66

MOTORI

PANELLI - CATALOGO 2013_Layout 1 06/03/14 19.26 Pagina 125

Panelli s.r.l. Via Rana, 63/65
Zona Ind. D5 15122 Spinetta M.go (Alessandria) - ITALY
Phone +39 0131 619506 r.a. - fax +39 0131 619017
info@panellipumps.it - www.panellipumps.it

PANELLI - CATALOGO 2013_Layout 1 08/03/14 09.52 Pagina 127

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TÜV SÜD ISO 9001

PANELLI®

ELETTROPOMPE SOMMERSE - ELECTRIC SUBMERSIBLE PUMPS - ELECTROPOMPES IMMERGEES - ELECTROBOMBAS SUMERGIDAS

AQUALIFE, FLOATING IMPELLER. 5”

AQUALIFE 5”

CE Tolleranze secondo - **Tollerance according to** - *Tolérances selon* Tolerancias según norma EN UNI-ISO 9906 - **5” (130 mm)**

ELETTROPOMPE SOMMERSE MONOBLOCCO 5” (SERIE AQUALIFE)

›Le elettropompe della serie AQUALIFE, nella gamma delle pompe ad aspirazione dal basso sono uniche al mondo a montare una girante di tipo flottante a rasamento frontale. Tale concetto innovativo e brevettato assicura un eccezionale smaltimento di sabbia unito a prestazioni elevatissime e a ridottissime dimensioni. Le elettropompe della serie AQUALIFE vengono impiegate per l’approvigionamento idrico da vasche o serbatoi, pozzi romani, pozzi da 6’’, bacini o corsi d’acqua. Possono essere usate per costruire gruppi di pressurizzazione, per la distribuzione dell’acqua in accoppiamento ad autoclavi, per l’irrigazione di piccoli apprezzamenti di terreno e giardini, per l’innalzamento di pressione.

MATERIALI ›I materiali di esecuzione standard sono: ›Girante e diffusore di tipo centrifugo radiale in tecnopolimero ›Camicia esterna in Acciaio Inox AISI 304 ›Griglia di aspirazione in Acciaio Inox AISI 304 ›Albero pompa motore in Acciaio Inox AISI 420 ›Cassa motore in Acciaio Inox AISI 304 ›Tenuta meccanica in carburo

CAMPI DI PRESTAZIONE ›Portate fino a 220 l/min ›Prevalenze fino a 130 m ›Massima quantità di sabbia tollerata nell’acqua: 300g/m^3 ›Massima profondita di immersione: 50 m.

MONOBLOCK ELECTRIC SUBMERSIBLE PUMPS 5”(SERIE AQUALIFE)

›The electric pumps serie AQUALIFE ,in the range of 5’’ clouse-coupled pumps,are unique in the world to have a floating impeller with front shim adjustement. This innovative and patented concept provides an exceptional drain away of sand combined with high performance and small size.

The electric pump serie AQUALIFE are used for water supply in general by thanks or reservois, romans wells, 6’’wells, ponds or rivers. They can be used to set up groups of pressurization for the distribution of water together with pressure tanks, to irrigate small plots of land and gardens, for raising pressure.

MATERIALS ›The materials of standard execution are: ›Impeller and diffuser radial centrifugal in tecnopolymer ›External sleeve in Stainless Steel AISI 304 ›Suction strainer in Stainless Steel AISI 304 ›Pump shaft in Stainless Steel AISI 420 ›Motor case in Stainless Steel AISI 304 ›Mechanical seal in silicon carbide ›External capacitor

OPERATING DATA ›Capacity up to 220 l/min ›Manometric head up to 130 m ›Maximum quantity of sand suspended in the water :300g/m^3 ›Maximum sumersion depth: 50 m.

AQUALIFE

AQUALIFE 5"

ELECTROPOMPES IMMERGEES MONOBLOCK 5"(SERIE AQUALIFE)

›Les électropompes de la série AQUALIFE dans la gamme des pompes à aspiration du bas,sont uniques au monde à monter une roue flottante. Ce concept innovant et breveté assure une exceptionnelle élimination du sable uni à des prestations très élevées et des dimension très réduites. Les électropompes de la série AQUALIFE sont employées pour l'approvisionnement hydrique en général, de cuves ou bien de réservoirs, de puits romains, de puits de 6'', bassins ou cours d'eau. Les AQUALIFE peuvent etres employèes pour construire des groupes de pressurisation, pour la distribution de l'eau en assemblage à des autoclaves, pour l'irrigation de petits morceaux de terre et jardins, et relèvement de pression.

MATERIAUXI ›Les matériaux d'exécution standard sont les suivates: ›Roue et diffuseur de type centrifuge radial en technopolymer ›Chemise extérieur en Acier Inox AISI 304 ›Crépine en Acier Inox AISI 304 ›Arbre pompe moteur en Acier Inox AISI 420 ›Caisse moteur en Acier Inox AISI 304 ›Tenue mécanique en carbure de silicium ›Condensateur extérieure

CHAMPS DE PERFORMANCES: ›Capacitè jusqu'à 220 l/min ›Hauteur manomètrique jusqu'à 130 m ›Quantitè maximale de sable tolèrèe dans l'eau:300g/m³ ›Profondeur maximal d'immersion: 50m.

ELECTROBOMBAS SUPERGIBLES MONOBLOCK 5" (SERIE AQUALIFE)

›Las electrobombas de la serie AQUALIFE dentro de la gama de las electrobombas, son las únicas en el mundo en montar rodetes flotantes en este concepto de bombas. Este concepto innovador y patentado proporciona un excepcional drenaje lejos de la arena combinada con un alto rendimiento y tamaño pequeño. Las electrobombas de la serie AQUALIFE son empleadas para el abastecimiento hidráulico en general, llenado de depósitos, pozos artesanos, pozos de 6'', charcas y rios. Las AQUALIFE pueden ser utilizadas para grupos de presión, para la distribución del agua en riegos, jardines, etc.

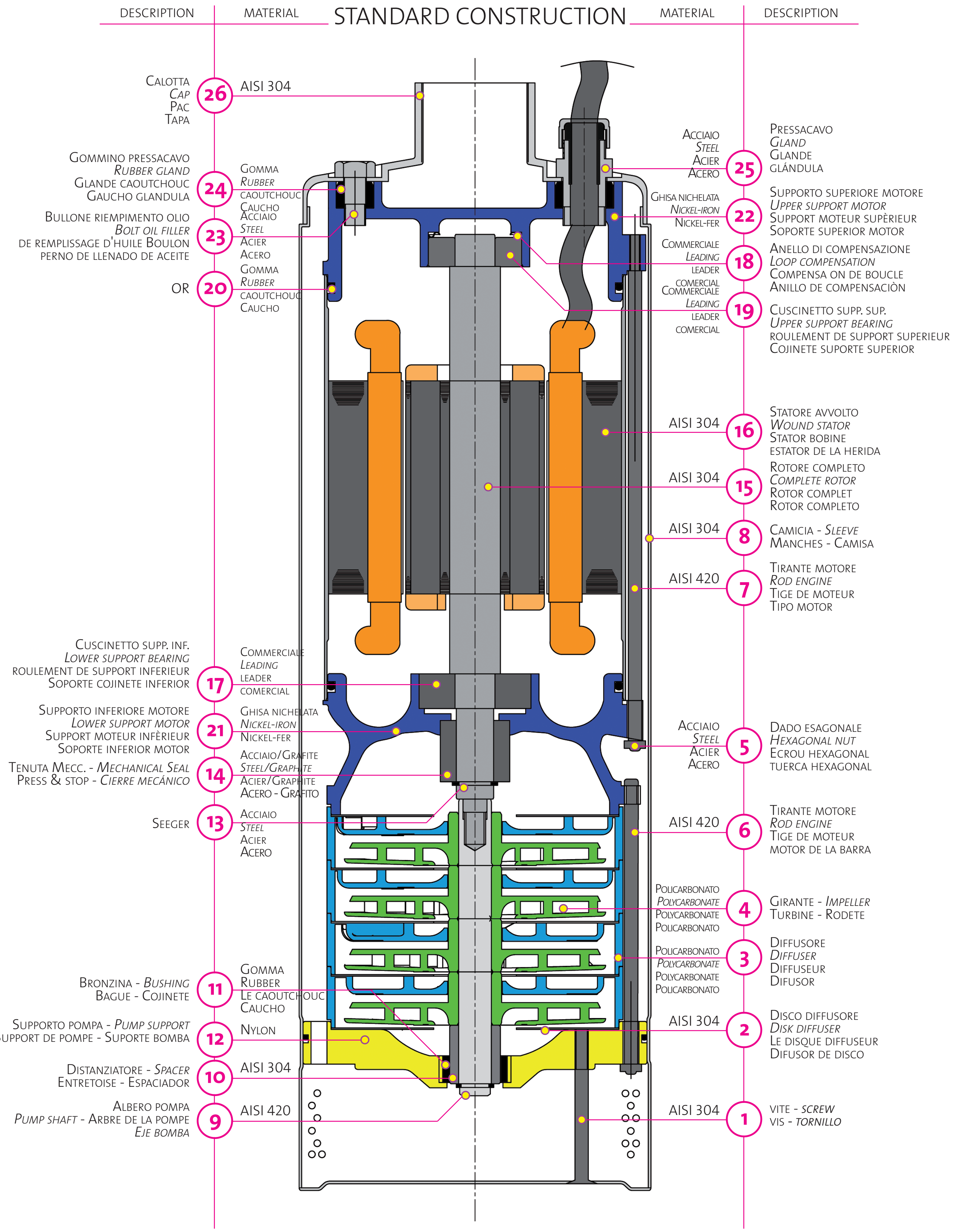
MATERIALES ›Los materiales de ejecución standard son: ›Rodete y difusor de tipo radial en technopolymero ›Camisa externa en Acero Inox AISI 304 ›Rejilla en Acero Inox AISI 304 ›Eje motor en Acero Inox AISI 420 ›Carcasa motor en Acero Inox AISI 304 ›Cierre mecánico en carburo de silicio ›Condensador externo.

CAMPOS DE TRABAJO ›Capacidad hasta 220 l/min ›Altura manométrica (m.c.a) máxima: 130 m ›Cantidad máxima de arena en suspensión: 300g/m³ ›Profundidad máxima de inmersión: 50m.

AQUALIFE 5”

CE Tolleranze secondo - **Tollerance according to** - *Tolérances selon*
Tolerancias según norma EN UNI-ISO 9906 - **5” (130 mm)**

STANDARD CONSTRUCTION



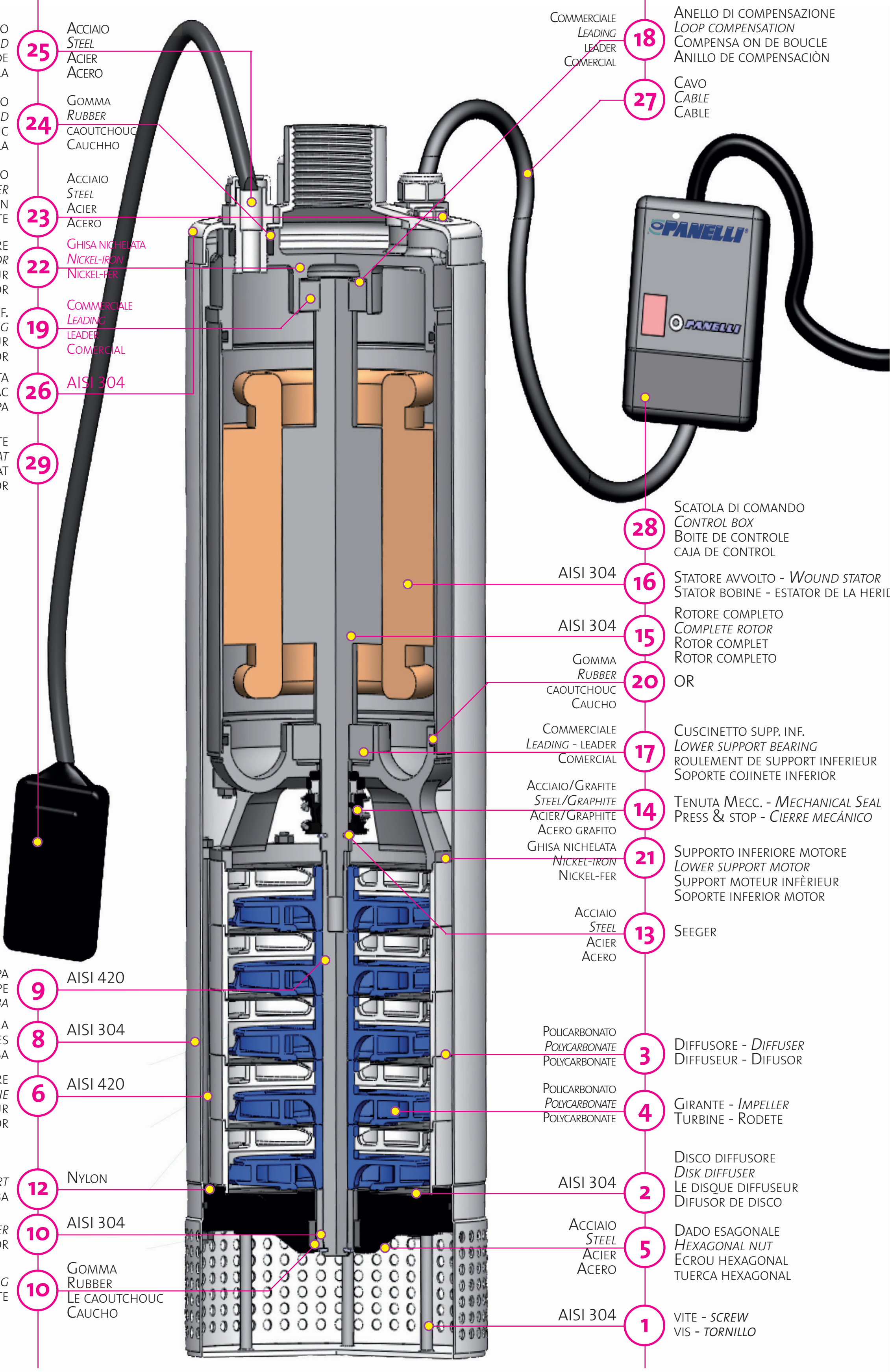
AQUALIFE

PANELLI®

AQUALIFE 5”

CE Tolleranze secondo - **Tollerance according to** - *Tolérances selon*
Tolerancias según norma EN UNI-ISO 9906 - **5” (130 mm)**

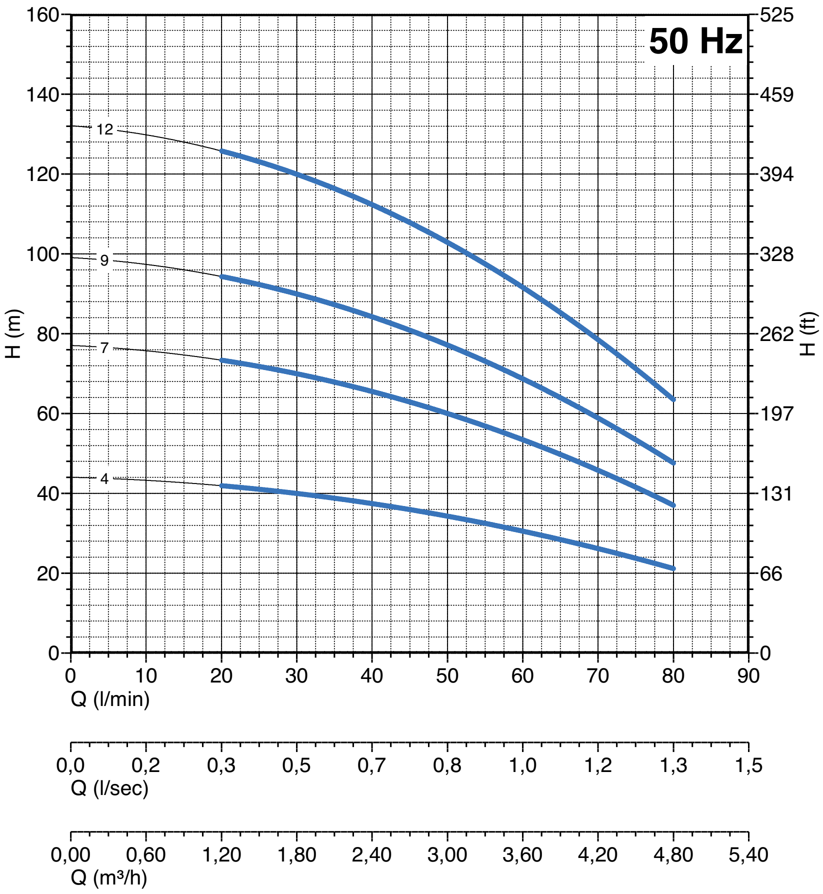
STANDARD CONSTRUCTION



AQUALIFE

AQUALIFE S2 (5")

CE Tolleranze secondo - **Tollerance according to** - *Tolérances selon*
Tolerancias según norma EN UNI-ISO 9906 - **5" (130 mm)**

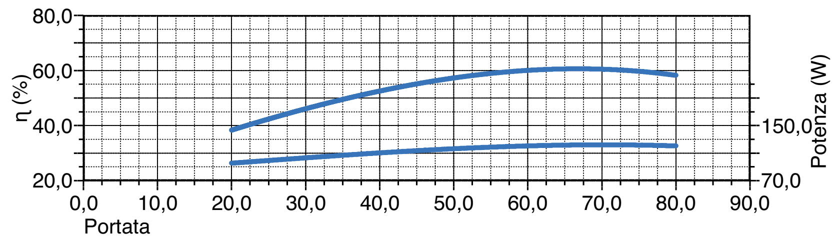


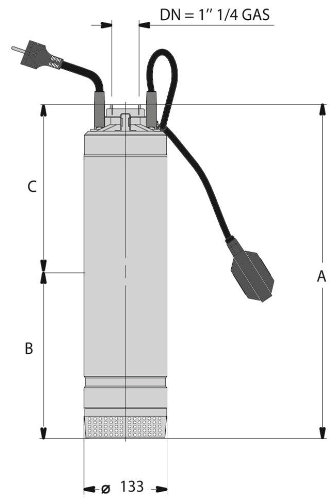
H = Prevalenza totale. **Da 21 a 126 m**
Q = Portata. **Da 20 a 80 l/min**
η% = Rendimento della pompa. **Max 61,0 %**
W/st = Assorbim. per stadio. **Max 123,00**
Massimo contenuto di sabbia. **300 g/m³**
S = Battente minimo (m) **Max 1**

H = Total head. **From 21 to 126 m**
Q = Capacity. **From 20 to 80 l/min**
η% = Pump efficency. **Max 61,0 %**
W/st = Stage absorption. **Max 123,00**
Maximum sand content **300 g/m³**
S = Minimum head (m) **Max 1**

H = hauter manométrique. **From 21 to 126 m**
Q = Débit. **From 20 to 80 l/min**
η% = Rendement de la pompe. **Max 61,0 %**
W/st = Absorption par étage. **Max 123,00**
Contenu maximal de sable. **300 g/m³**
S = Niveau minimal (m). **Max 1**

H =Altura manométrica. **Da 21 a 126 m**
Q = Caudal. **De 20 a 80 l/min**
η% = Rendimiento de la bomba. **Max 61,0 %**
W/st = Potencia absorbida por etapa. **Max 123,00**
Condenito màximo de arena. **300 g/m³**
S = Nivel minimo (m) **Max 1**





Note: THE PUMP AND MOTOR ARE ASSEMBLED TOGETHER INTO THE SLEEVE

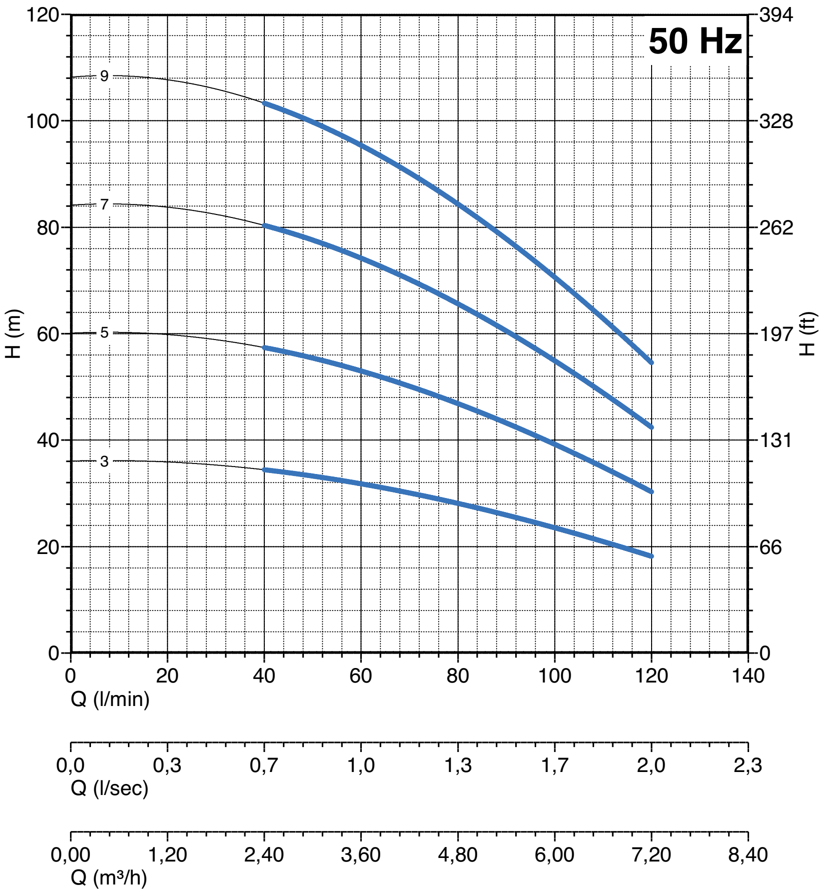
Motore - Motor - Moteur Caratteristiche a 2900 rpm						Q=Portata - Capacity - Debit								
Tipo - Type	Power		Mono Fase Single phase V230		V 400	l/min	0	20	30	40	50	60	70	80
						l/sec	0,00	0,33	0,50	0,67	0,83	1,00	1,17	1,33
	kW	HP	A	µF	A	m³/h	0,0	1,2	1,8	2,4	3,0	3,6	4,2	4,8
S 2/04	0,60	0,8	6	15	1,6	H[m]	44	42	40	38	34	31	27	21
S 2/07	0,90	1,2	7,5	20	2,4		77	74	70	66	60	53	46	37
S 2/09	1,10	1,5	9,2	30	3,2		99	95	90	84	77	69	60	47
S 2/12	1,50	2	12	40	4,2		132	126	120	113	102	92	80	63

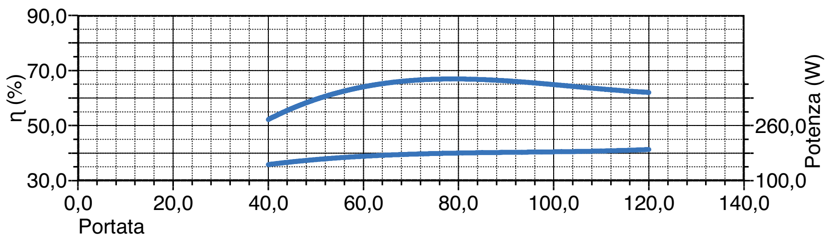
Dimensioni di ingombro e pesi Overall dimensions and weights								
Tipo - Type	A mm Mono	A mm Tri	B mm	C mm Mono	C mm Tri	M kg Mono	M kg Tri	P kg
S 2/04	460	460	300	160	160	5	6	12
S 2/07	540	540	360	180	180	6	6	14
S 2/09	600	600	400	200	200	7	7	15
S 2/12	690	690	460	230	230	8	8	18

AQUALIFE

AQUALIFE S4 (5")

CE Tolleranze secondo - **Tollerance according to** - *Tolérances selon*
Tolerancias según norma EN UNI-ISO 9906 - **5" (130 mm)**



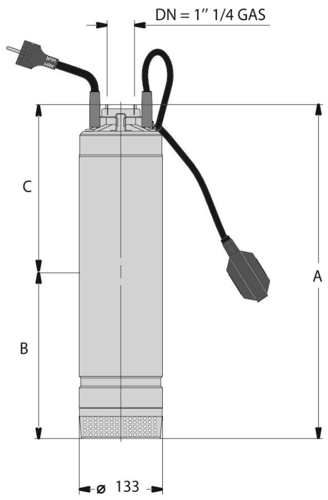


H = Prevalenza totale. **Da 18 a 105 m**
Q = Portata. **Da 40 a 120 l/min**
η% = Rendimento della pompa. **Max 67,0 %**
W/st = Assorbim. per stadio. **Max 190,00**
Massimo contenuto di sabbia. **300 g/m³**
S = Battente minimo (m) **Max 1**

H = Total head. **From 18 to 105 m**
Q = Capacity. **From 40 to 120 l/min**
η% = Pump efficency. **Max 67,0 %**
W/st = Stage absorption. **Max 190,00**
Maximum sand content **300 g/m³**
S = Minimum head (m) **Max 1**

H = hauter manométrique. **From 18 to 105 m**
Q = Débit. **From 40 to 120 l/min**
η% = Rendement de la pompe. **Max 67,0 %**
W/st = Absorption par étage. **Max 190,00**
Contenu maximal de sable. **300 g/m³**
S = Niveau minimal (m). **Max 1**

H =Altura manométrica. **Da 18 a 105 m**
Q = Caudal. **De 40 a 120 l/min**
η% = Rendimiento de la bomba. **Max 67,0 %**
W/st = Potencia absorbida por etapa. **Max 190,00**
Condenito màximo de arena. **300 g/m³**
S = Nivel minimo (m) **Max 1**



Note: THE PUMP AND MOTOR ARE ASSEMBLED TOGETHER INTO THE SLEEVE

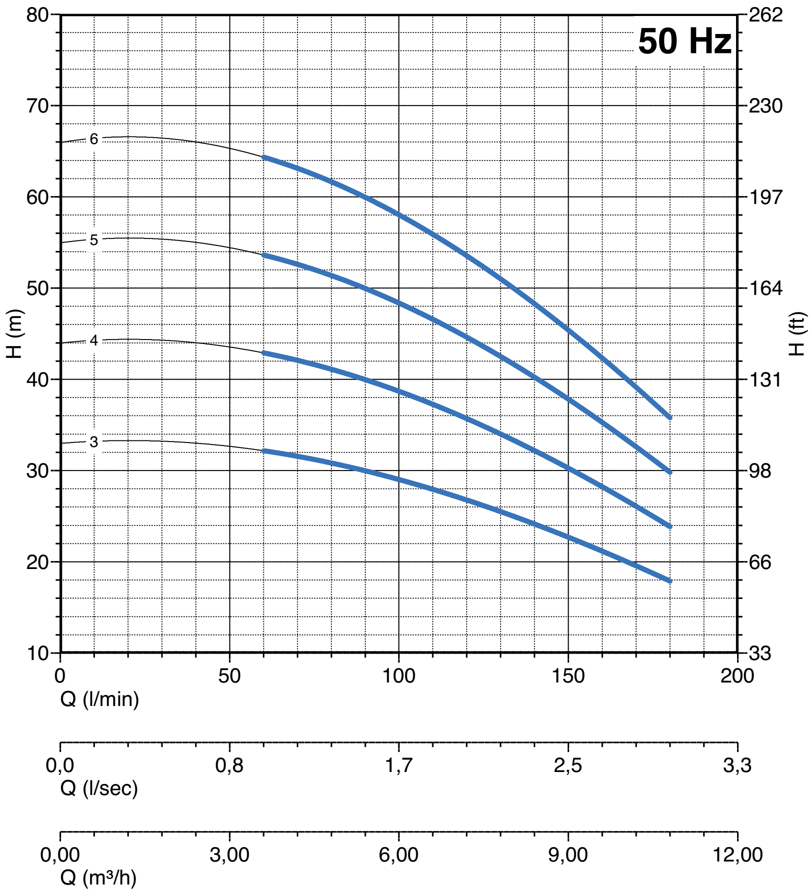
Motore - Motor - Moteur Caratteristiche a 2900 rpm							Q=Portata - Capacity - Debit							
Tipo - Type	Power		Mono Fase Single phase V230		V 400	l/min	0	40	50	60	70	80	100	120
						l/sec	0,00	0,67	0,83	1,00	1,17	1,33	1,67	2,00
	kW	HP	A	μF	A	m³/h	0,0	2,4	3,0	3,6	4,2	4,8	6,0	7,2
S 4/03	0,60	0,8	6	15	1,6	H[m]	36	35	33	32	30	28	24	18
S 4/05	0,90	1,2	7,5	20	2,4		60	58	55	53	50	47	40	30
S 4/07	1,10	1,5	9,5	30	3,2		84	82	77	74	70	65	56	42
S 4/09	1,50	2	12	40	4,2		108	105	99	95	90	84	72	54

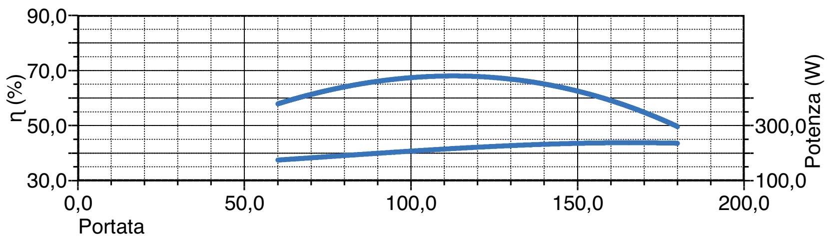
Dimensioni di ingombro e pesi Overall dimensions and weights								
Tipo - Type	A mm Mono	A mm Tri	B mm	C mm Mono	C mm Tri	M kg Mono	M kg Tri	P kg
S 4/03	440	440	280	160	160	5	6	12
S 4/05	500	500	320	180	180	6	6	14
S 4/07	560	560	360	200	200	7	7	15
S 4/09	630	630	400	230	230	8	8	18

AQUALIFE

AQUALIFE S6 (5”)

CE Tolleranze secondo - **Tollerance according to** - *Tolérances selon*
Tolerancias según norma EN UNI-ISO 9906 - **5” (130 mm)**



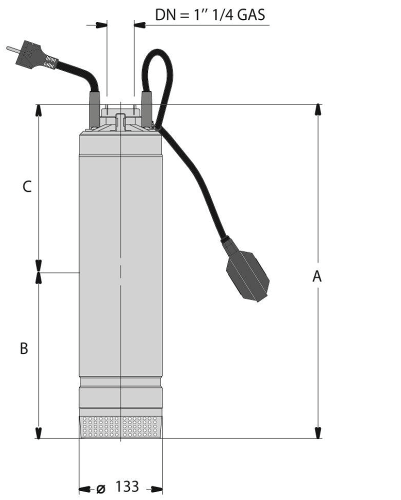


H = Prevalenza totale. **Da 18 a 64 m**
Q = Portata. **Da 60 a 180 l/min**
η% = Rendimento della pompa. **Max 68,0 %**
W/st = Assorbim. per stadio. **Max 240,00**
Massimo contenuto di sabbia. **300 g/m³**
S = Battente minimo (m) **Max 1**

H = Total head. **From 18 to 64 m**
Q = Capacity. **From 60 to 180 l/min**
η% = Pump efficency. **Max 68,0 %**
W/st = Stage absorption. **Max 240,00**
Maximum sand content **300 g/m³**
S = Minimum head (m) **Max 1**

H = hauter manométrique. **From 18 to 64 m**
Q = Débit. **From 60 to 180 l/min**
η% = Rendement de la pompe. **Max 68,0 %**
W/st = Absorption par étage. **Max 240,00**
Contenu maximal de sable. **300 g/m³**
S = Niveau minimal (m). **Max 1**

H =Altura manométrica. **Da 18 a 64 m**
Q = Caudal. **De 60 a 180 l/min**
η% = Rendimiento de la bomba. **Max 68,0 %**
W/st = Potencia absorbida por etapa. **Max 240,00**
Condenito màximo de arena. **300 g/m³**
S = Nivel minimo (m) **Max 1**



Note: THE PUMP AND MOTOR ARE ASSEMBLED TOGETHER INTO THE SLEEVE

Tipo - Type	Motore - Motor - Moteur Caratteristiche a 2900 rpm					Q=Portata - Capacity - Debit								
	Power		Mono Fase Single phase V230		V 400	l/min	0	60	80	100	120	140	160	180
						l/sec	0,00	1,00	1,33	1,67	2,00	2,33	2,67	3,00
	kW	HP	A	μF	A	m³/h	0,0	3,6	4,8	6,0	7,2	8,4	9,6	10,8
S 6/03	0,60	0,8	6	15	1,6	H[m]	33	32	31	29	27	24	21	18
S 6/04	0,90	1,2	7,5	20	2,4		44	43	41	39	36	32	28	24
S 6/05	1,10	1,5	9,5	30	3,2		55	53	52	48	45	40	35	30
S 6/06	1,50	2	12	40	4,2		66	64	62	58	54	48	42	36

Dimensioni di ingombro e pesi
Overall dimensions and weights

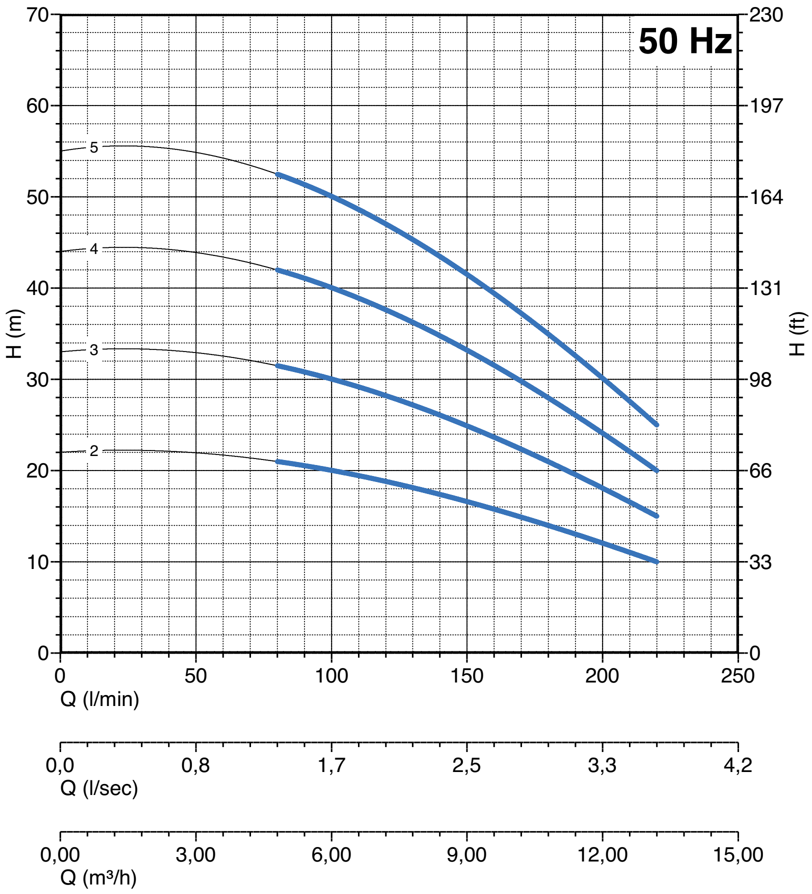
Tipo - Type	A mm Mono	A mm Tri	B mm	C mm Mono	C mm Tri	M kg Mono	M kg Tri	P kg
S 6/03	440	440	280	160	160	5	6	12
S 6/04	480	480	300	180	180	6	6	14
S 6/05	520	520	320	200	200	7	7	15
S 6/06	570	570	340	230	230	8	8	18

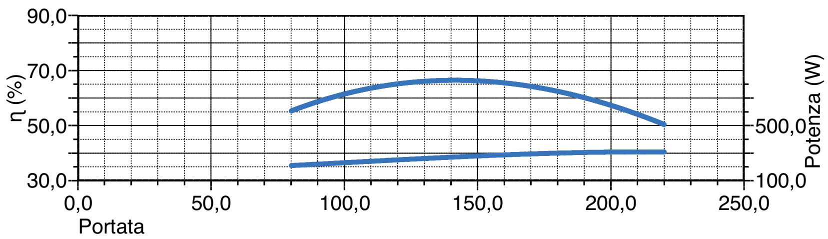
AQUALIFE

PANELLI®

AQUALIFE S8 (5”)

CE Tolleranze secondo - **Tollerance according to** - *Tolérances selon*
Tolerancias según norma EN UNI-ISO 9906 - **5” (130 mm)**



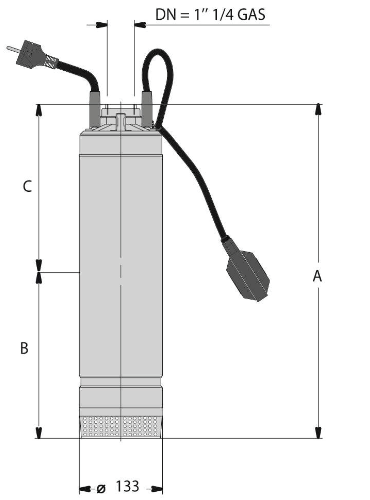


H = Prevalenza totale. **Da 10 a 53 m**
Q = Portata. **Da 80 a 220 l/min**
η% = Rendimento della pompa. **Max 67,0 %**
W/st = Assorbim. per stadio. **Max 310,00**
Massimo contenuto di sabbia. **300 g/m³**
S = Battente minimo (m) **Max 1**

H = Total head. **From 10 to 53 m**
Q = Capacity. **From 80 to 220 l/min**
η% = Pump efficency. **Max 67,0 %**
W/st = Stage absorption. **Max 310,00**
Maximum sand content **300 g/m³**
S = Minimum head (m) **Max 1**

H = hauter manométrique. **From 10 to 53 m**
Q = Débit. **From 80 to 220 l/min**
η% = Rendement de la pompe. **Max 67,0 %**
W/st = Absorption par étage. **Max 310,00**
Contenu maximal de sable. **300 g/m³**
S = Niveau minimal (m). **Max 1**

H =Altura manométrica. **Da 10 a 53 m**
Q = Caudal. **De 80 a 220 l/min**
η% = Rendimiento de la bomba. **Max 67,0 %**
W/st = Potencia absorbida por etapa. **Max 310,00**
Condenito màximo de arena. **300 g/m³**
S = Nivel minimo (m) **Max 1**



Note: THE PUMP AND MOTOR ARE ASSEMBLED TOGETHER INTO THE SLEEVE

Motore - Motor - Moteur — Caratteristiche a 2900 rpm | Q=Portata - Capacity - Debit

Tipo - Type	Power kW	Power HP	Mono Fase Single phase V230 A	Mono Fase Single phase V230 µF	V 400 A	l/min	0	80	100	120	140	160	180	200	220
						l/sec	0,00	1,33	1,67	2,00	2,33	2,67	3,00	3,33	3,67
						m³/h	0,0	4,8	6,0	7,2	8,4	9,6	10,8	12,0	13,2
S 8/02	0,60	0,8	6	15	1,6	H[m]	22	21	20	19	17	16	14	12	10
S 8/03	0,90	1,2	7,5	20	2,4	H[m]	33	32	30	29	26	24	21	18	15
S 8/04	1,10	1,5	9,5	30	3,2	H[m]	44	42	40	38	34	32	28	24	20
S 8/05	1,50	2	12	40	4,2	H[m]	55	53	50	48	43	40	35	30	25

Dimensioni di ingombro e pesi
Overall dimensions and weights

Tipo - Type	A mm Mono	A mm Tri	B mm	C mm Mono	C mm Tri	M kg Mono	M kg Tri	P kg
S 8/02	420	420	260	160	160	5	6	13
S 8/03	460	460	280	180	180	6	6	14
S 8/04	500	500	300	200	200	7	7	15
S 8/05	550	550	320	230	230	8	8	18

AQUALIFE

techniques industries
tecindus@orange.fr / TEL: 03.22.712.712

www.techniquesindustries.fr

ZA La Couture
80260 Poulainville