



MADE IN ITALY

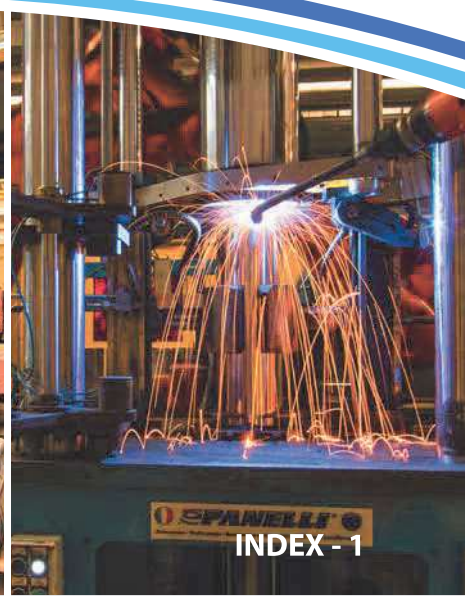
POMPE SOMMERSE - SUBMERSIBLE PUMPS
POMPES SUBMERSIBLES - BOMBAS SUBMERSIBLES

MOTORI SOMMERSI - SUBMERSIBLE MOTORS
MOTEURS IMMERGÉS - MOTORES SUMERGIDOS

PANELLI®

italian excellence since 1906

50_{Hz}





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Dal 1906 Panelli progetta e produce pompe e motori sommersi.

Grazie a recenti investimenti in automazione industriale ed ampio utilizzo di assemblaggio robotizzato Panelli è in grado di offrire pompe e motori sommersi dalle elevate caratteristiche idrauliche con un rapporto Qualità/prezzo molto competitivo: made in Italy.

La gamma dimensionale comprende pompe sommerse da 4" a 12" anche in acciaio inossidabile per le applicazioni più impegnative.

Panelli, da sempre, produce anche i motori sommersi per tutta la propria gamma da 0,75 HP – 0,55 kW a 250 HP – 184 kW.

L'ampia e costante disponibilità a magazzino permette consegne tempestive per supportare i nostri Clienti nel mondo.



Since 1906 Panelli has been designing and manufacturing submersible pumps and motors.

Thanks to significant investments in production automation and extensive use of robotized assembly Panelli offers submersible pumps and motors with high hydraulic characteristics and a very competitive Quality/price ratio: made in Italy. Our range includes submersible pumps from 4" up to 12" also in stainless steel for the most demanding applications.

Panelli has always been manufacturing submersible motors for the entire range of pumps covering all powers from 0,75 HP – 0,55 kW up to 250 HP – 184 kW.

Most of the pumps and motors are available from stock for quick deliveries worldwide.



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Panelli: conception et production de pompes et moteurs immergés depuis 1906.

Grace à la plus moderne technologie de production automatique et assemblage robotisé Panelli est capable d'offrir des performances hydraulique très élevées avec un rapport Qualité/prix fort compétitif : fabriqué en Italie.

La gamme de production des pompes immergées comprend tous les référence de 4" jusqu'à 12" aussi en acier inoxydable pour les applications les plus difficiles.

Panelli depuis toujours produit les moteurs immergés pour toute la gamme à partir de 0,75 CV – 0,55 kW jusqu'à 250 CV – 184 kW. Disponibilité rapide pour un service impeccable dans le monde entier.



Desde 1906 Panelli diseña y produce bombas y motores sumergibles.

Importantes inversiones en automatización industrial y ensamble robotizado permite a Panelli de ofrecer a sus Clientes características hidráulicas muy eficientes y una relación Calidad/precio muy competitiva: made in Italy. Nuestro catalogo ofrece bombas desde 4" hasta 12" también en acero inoxidable para las aplicaciones mas impenitativas.

Panelli produce su gama de motores desde 0,75 HP – 0,55 kW hasta 250 HP – 184 kW.

Amplia disponibilidad en almacen que permite un servicio muy rapido para todos los Clientes a nivel mundial.



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tolleranza alla sabbia 50 g/m³ - sand tolerance 50 g/m³

PANELLI®

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6"

140 PS
140 PSX

| **50**Hz

**POMPA SOMMERSA
ELEVATA PORTATA
GIRANTE SEMIASSIALE**

**SUBMERSIBLE PUMP
HIGH CAPACITY
SEMIAXIAL IMPELLER**



MADE IN ITALY

140 PS



140 PSX



maximum
50 g/m³

6"

140 PS
140 PSX

50Hz

POMPA SOMMERSA - GIRANTE SEMIASSIALE - ELEVATA PORTATA SUBMERSIBLE PUMP - SEMIAXIAL IMPELLER - HIGH CAPACITY

Girante semissiale

Semiaxial impeller

Roue semiaxiale

Impulsor semiaxial

Elevata portata: 54m³/ora – 900 l/min

High capacity: 54 m³/h – 900 l/min

Débit très élevé: 54 m³/h – 900 l/min

Caudal elevado: 54 m³/h – 900 l/min

140 PS

Girante in Noryl, diffusore in Noryl, elemento intermedio e camicia esterna in AISI 304, mandata e gabbia di aspirazione in ghisa

Impeller in Noryl, diffuser in Noryl, intermediate casing and external sleeve in AISI 304, delivery bowl and suction cage in cast iron

Massimo contenuto di sabbia: 50 gr/m³

Maximum sand content: 50 gr/m³

Tolérance de sable maximum: 50 gr/m³

Maxima cantidad de arena: 50 gr/m³

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Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B



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6" **140 PS**
140 PSX | **50Hz**

POMPA SOMMERSA - GIRANTE SEMIASSIALE - ELEVATA PORTATA
SUBMERSIBLE PUMP - SEMIAXIAL IMPELLER - HIGH CAPACITY

Girante semissiale

Semiaxial impeller

Roue semiaxiale

Impulsor semiaxial

Elevata portata: 54m³/ora – 900 l/min

High capacity: 54 m³/h – 900 l/min

Débit très élevé: 54 m³/h – 900 l/min

Caudal elevado: 54 m³/h – 900 l/min

140 PSX

Girante in Noryl, diffusore in Noryl, elemento intermedio e camicia esterna in AISI 304, mandata e gabbia di aspirazione in Acciaio inox microfuso AISI 304

Impeller in Noryl, diffuser in Noryl, intermediate casing and external sleeve in AISI 304, delivery bowl and suction cage in Stainless steel AISI 304

Massimo contenuto di sabbia: 50 gr/m³

Maximum sand content: 50 gr/m³

Tolérance de sable maximum: 50 gr/m³

Maxima cantidad de arena: 50 gr/m³

STAGE



140 PSX



6" PR/PS - 21

6"
140 PS
140 PSX

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ELETTROPOMPE SOMMERSE INTUBATE 6" (SERIE 140 PS N - 140 PSX N)

Le pompe con giranti semiassiali 140 PS / 140 PSX, sono pompe ad elevato rendimento idraulico.

Adatte al sollevamento di acqua pulita, per approvvigionamento idrico ad uso civile ed industriale, impianti di pressurizzazione, antincendio, irrigazione ed acquedotti.

VANTAGGI

Pompa estremamente compatta e robusta, facilità di montaggio e smontaggio, elevate prestazioni.

Corredata di contro-sospensione per evitare lo sfregamento delle giranti contro il corpo pompa.

MATERIALI

Girante e diffusore in Noryl GFN2, elemento intermedio in AISI 304, camicia esterna e minuteria varia in Aisi 304, griglia di aspirazione in Aisi 304.

Gabbia di aspirazione e mandata in ghisa G25 nella versione 140 PS, gabbia di aspirazione e mandata in acciaio inox Aisi 304 microfuso nella versione 140 PSX, contro-sospensione in PTFE+25 % Carbone.

CAMPI DI PRESTAZIONE IDRAULICHE

Portata fino a 54 m³/h, con prevalenze fino a 390 metri Potenze elettriche fino a 37 kW (50 HP)

Massima quantità di sabbia tollerata : 50 g/m³.



ELECTRIC SUBMERSIBLE PUMPS CASED VERSION 6" (SERIES 140 PS N - 140 PSX N)

140 PS / 140 PSX are high efficiency semiaxial pumps suitable for clean water applications such as civil and industrial water supply, booster systems, firefighting systems, irrigation and water networks.

ADVANTAGES

Very compact pump, heavy duty construction easy assembly and disassembly, high performances.

Pump fitted with low friction counter thrust for longer impeller life.

MATERIALS

Impellers and diffusers in GFN2 Noryl, AISI 304 stainless steel intermediate element, sleeve, strainer and screws.

Suction cage and delivery bowl in cast iron for 140 PS version, Suction cage and delivery bowl in AISI 304 stainless steel for 140 PSX version.

Counter thrust in PTFE + 25% graphite.

HYDRAULIC PERFORMANCES

Capacity up to 54 m³/h and HMT up to 390 m. Motor power up to 37 kW-50 HP.

Maximum sand tolerance: 50 g/m³



ELECTROPOMPES IMMERGEES TUBEE 6" (SERIES 140 PS N - 140 PSX N)

Les pompes semiaxiales 140 PS / 140 PSX sont caractérisées par un rendement très élevé et conçues pour approvisionnement d'eaux claires soit domestique soit industriel, pour systèmes de surpression, système contre-incendie, irrigation et réseaux d'eaux publiques

ADVANTAGES

Pompes très compactes, de construction très robuste, montage et démontage facile et rapide.
Hautes performances. La construction prévoit une contre suspension à basse friction pour une vie utile des roues très importante.

MATERIAUX

Roues et diffuseurs en Noryl GFN2, élément intermédiaire, chemise, crépine et vis en acier inoxydable AISI 304.

Cage d'aspiration et refoulement en fonte pour la version 140 PS.

Cage d'aspiration et refoulement en acier inoxydable AISI 304 pour la version 140 PSX.

Contre suspension en PTFE+25% graphite.

PERFORMANCES HYDRAULIQUES

Débit jusqu'à 54 m³/h et hauteur jusqu'à 390 m.

Puissance moteur jusqu'à 37 kW-50 CV.

Quantité maxi de sable: 50 g/m³.



ELECTROBOMBAS SUMERGIDAS ENCAPSULADAS 6" (SERIES 140 PS N - 140 PSX N)

Las bombas semiaxiales 140 PS / 140 PSX ofrecen una eficiencia muy elevada para aplicaciones con agua limpia de tipo domestico e industrial, para sistemas de pression, y sistemas contra incendio, riego y sistema de aguas publicas.

VENTAJAS

Bombas de construcción muy robusta y compacta, montaje y desmontaje fácil y rápido.

Prestaciones elevadas.

Contra suspensión para extender la durabilidad de los impulsores.

MATERIALES

Impulsores y difusores en NORYL GFN2, elemento intermedio, camisa, rejilla y tornillos en acero inoxidable AISI 304.

Aspiración e impulsión en hierro fundido en la serie 140 PS.

Aspiración y impulsión en acero inoxidable AISI 304 en la serie 140 PSX.

Contra suspensión en PTFE+25% graphite.

PRESTACIONES HIDRAULICAS

Caudal hasta 54 m³/h y altura hasta 390 m.

Potencia motor hasta 37 kW-50 HP.

Maxima cantidad de arena: 50 g/m³



6"

140 PS36
140 PSX36

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CARATTERISTICHE IDRAULICHE - HYDRAULIC PERFORMANCES

Q= Portata - Capacity - Debit

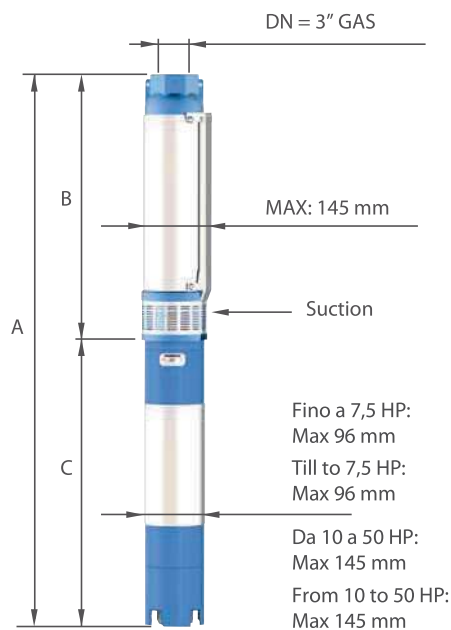
50 Hz

n= 2900 min

Tipo Type	Power kW HP		H(m)	0	300	400	500	600	700
				l/min	l/sec	l/min	l/sec	l/min	l/sec
				m³/h	m³/h	m³/h	m³/h	m³/h	m³/h
				0	5	6,67	8	10	11,67
140 PS36 N/03	3	4,0	H(m)	37	30	28	25	22	17
140 PS36 N/04	4	5,5		49	40	37	34	29	23
140 PS36 N/06	5,50	7,5		74	59	56	50	43	35
140 PS36 N/08	7,50	10		98	79	74	67	58	46
140 PS36 N/10	9,20	12,5		123	99	93	84	72	58
140 PS36 N/12	11	15		147	119	112	101	86	69
140 PS36 N/14	13	17,5		172	139	130	118	101	81
140 PS36 N/16	15	20		196	158	149	134	115	92
140 PS36 N/20	18,50	25		245	198	186	168	144	115
140 PS36 N/23	22	30		282	228	214	193	166	132
140 PS36 N/28	26	35		343	277	260	235	202	161
140 PS36 N/32	30	40		392	317	298	269	230	184
140 PS36 N/39	37	50		478	386	363	328	281	224

DIMENSIONI D'INGOMBRO E PESI - OVERALL DIMENSIONS AND WEIGHTS

Type	A mm Tri V 400	B mm	C mm Tri	M Kg Tri	P Kg
140 PS36 N/03	1020	568	452	15	13
140 PS36 N/04	1261	664	597	22	14
140 PS36 N/06	1554	856	698	27	15,5
140 PS36 N/08	1866	1048	818	32	16
140 PS36 N/10	1991	1240	751	60	17,5
140 PS36 N/12	2243	1432	811	65	19
140 PS36 N/14	2465	1624	841	70	21
140 PS36 N/16	2747	1816	931	75	25
140 PS36 N/20	3191	2200	991	83	27
140 PS36 N/23	3559	2488	1071	92	29
140 PS36 N/28	4149	2968	1181	100	32
140 PS36 N/32	4603	3352	1251	108	35
140 PS36 N/39	5365	4024	1341	118	40



Versioni disponibili
Available versions
Versions disponibles
Versiones disponibles



140 PSX

Gabbia di aspirazione e mandata
(con piattello) in AISI 304 microfuso

Suction cage and delivery bowl
(with cap valve) in AISI 304 casted

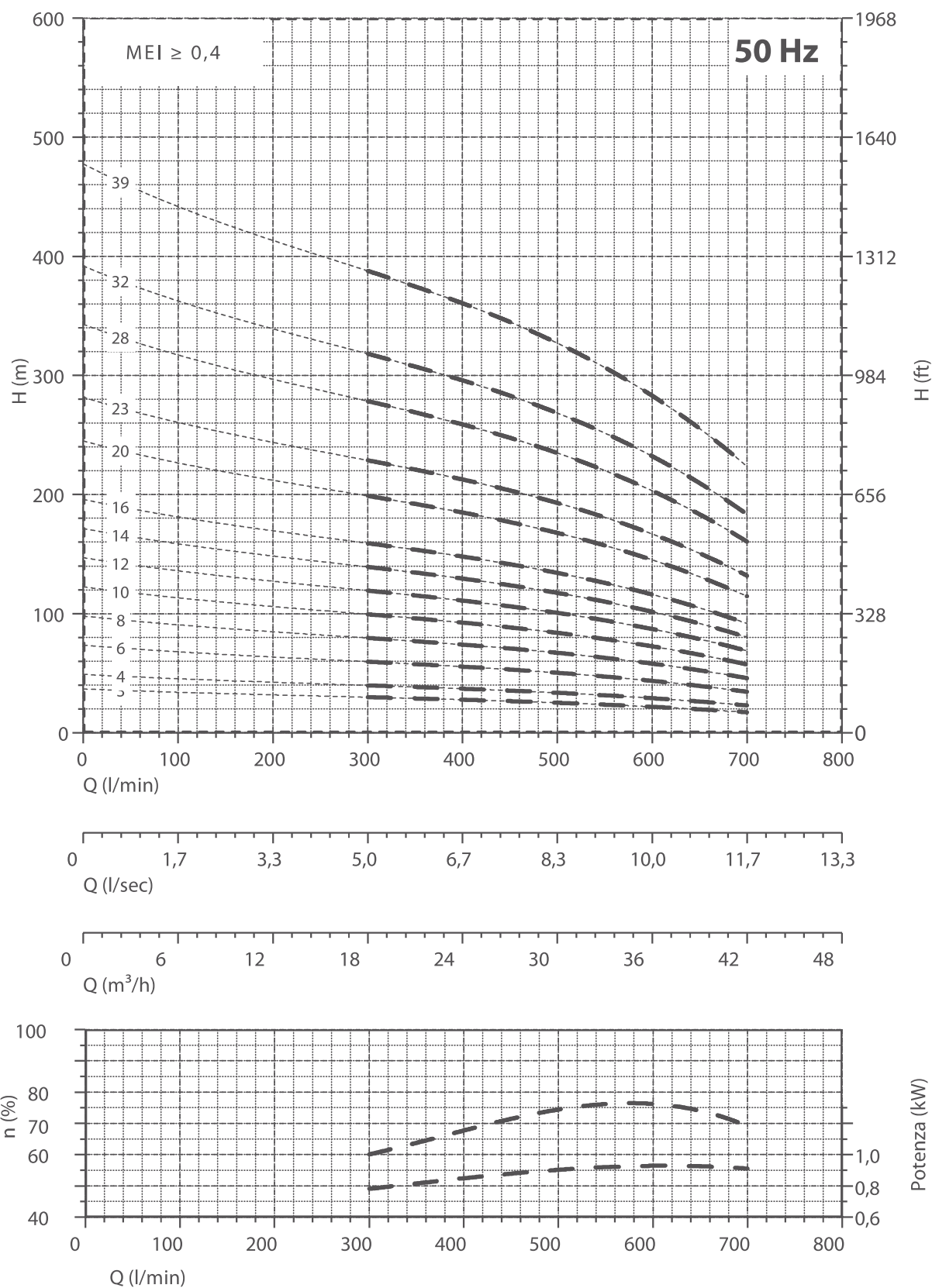
n% = Rendimento della pompa
n% = Rendement de la pompe
n% = Pump efficiency
n% = Rendimiento de la bomba

Max
76,3 %

kW/st = Assorbimento per stadio
kW/st = Absorption par étage
kW/st = Stage absorption
kW/st = Potencia absorbida por etapa

Max
0,93

Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B



NPSH (m)	25%	50%	75%	100%
140 PS36 - 140 PSX36	3,4	3,4	4	6

6"

140 PS42
140 PSX42

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CARATTERISTICHE IDRAULICHE - HYDRAULIC PERFORMANCES

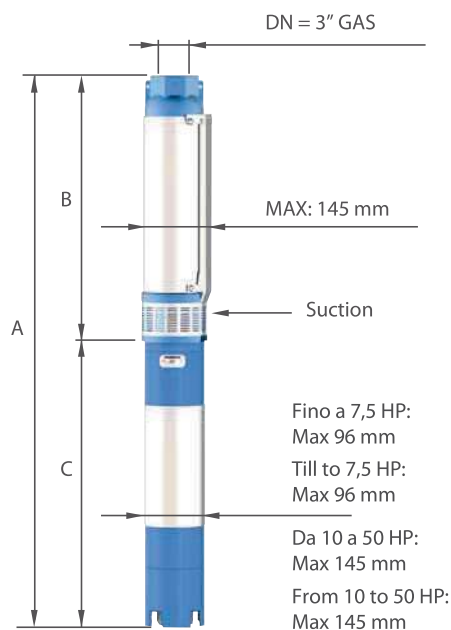
Q= Portata - Capacity - Debit

50 Hz n= 2900 min

Tipo Type	Power		H(m)	l/min	0	400	500	600	700	800	900
				l/sec	0	6,67	8,33	10	11,67	13,33	15
				m ³ /h	0	24	30	36	42	48	54,0
140 PS 42 N/03	4	5,5			35	29	27	26	23	19	15
140 PS 42 N/04	5,50	7,5			46	39	37	34	30	25	20
140 PS 42 N/06	7,50	10			69	59	55	51	45	38	30
140 PS 42 N/07	9,20	12,5			81	68	64	60	53	44	35
140 PS 42 N/09	11	15			104	88	82	77	68	57	45
140 PS 42 N/11	13	17,5			127	107	101	94	83	70	55
140 PS 42 N/12	15	20			138	117	110	102	90	76	60
140 PS 42 N/15	18,50	25			173	146	137	128	113	95	75
140 PS 42 N/18	22	30			207	176	165	153	135	114	90
140 PS 42 N/22	26	35			253	215	201	187	165	140	110
140 PS 42 N/25	30	40			288	244	229	213	188	159	125
140 PS 42 N/31	37	50			357	302	284	264	233	197	155

DIMENSIONI D'INGOMBRO E PESI - OVERALL DIMENSIONS AND WEIGHTS

Type	A mm Tri V 400	B mm	C mm Tri	M Kg Tri	P Kg
140 PS 42 N/03	1165	568	597	22	13
140 PS 42 N/04	1362	664	698	27	14
140 PS 42 N/06	1674	856	818	32	15,5
140 PS 42 N/07	1703	952	751	60	16
140 PS 42 N/09	1955	1144	811	65	17,5
140 PS 42 N/11	2177	1336	841	70	19
140 PS 42 N/12	2363	1432	931	75	21
140 PS 42 N/15	2711	1720	991	83	25
140 PS 42 N/18	3079	2008	1071	92	27
140 PS 42 N/22	3573	2392	1181	100	29
140 PS 42 N/25	3931	2680	1251	108	32
140 PS 42 N/31	4597	3256	1341	118	35



Versioni disponibili
Available versions
Versions disponibles
Versiones disponibles



140 PSX

Gabbia di aspirazione e mandata
(con piattello) in AISI 304 microfuso

*Suction cage and delivery bowl
(with cap valve) in AISI 304 casted*

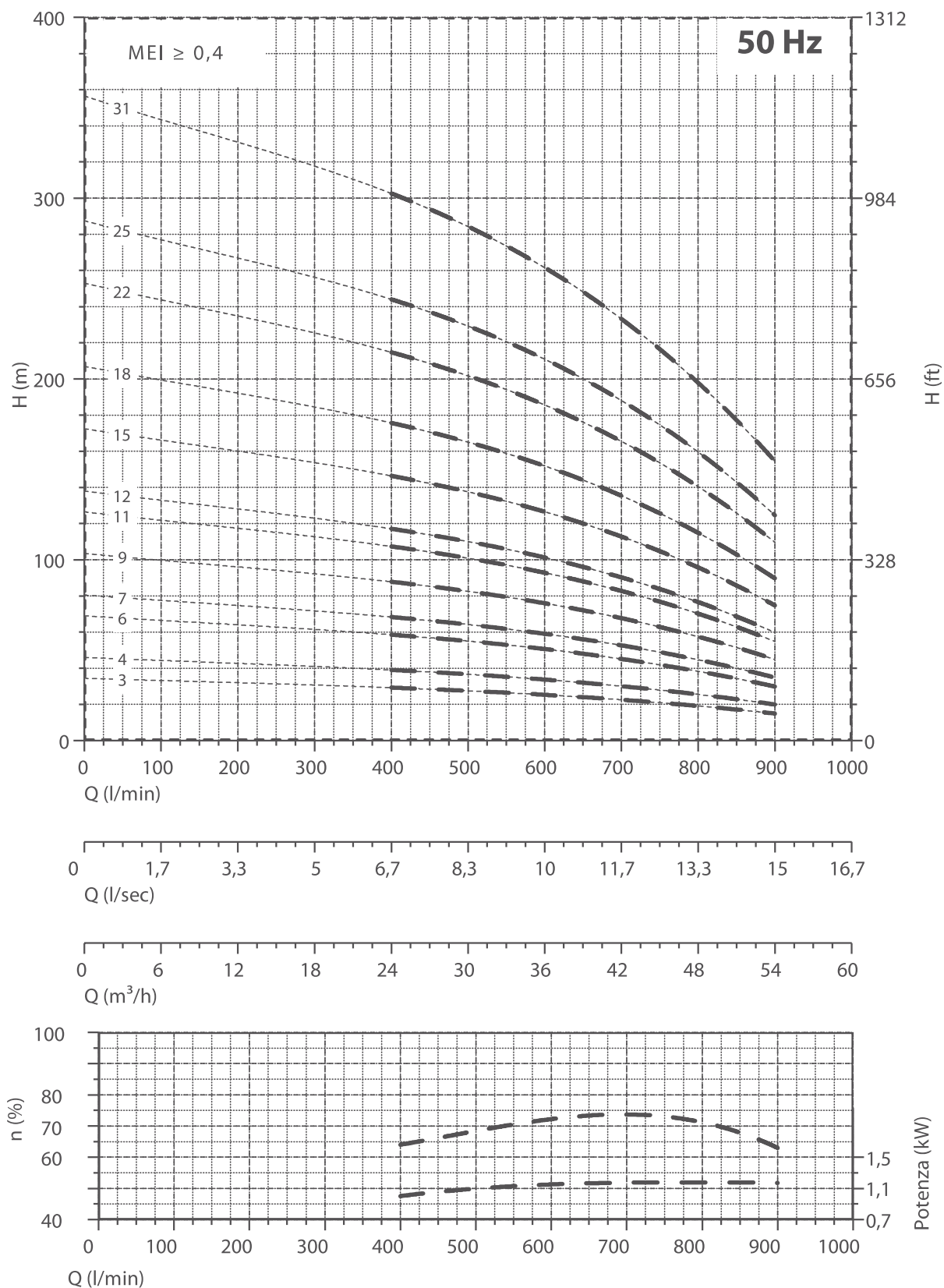
n% = Rendimento della pompa
n% = Rendement de la pompe
n% = Pump efficiency
n% = Rendimiento de la bomba

Max
74 %

kW/st = Assorbimento per stadio
kW/st = Absorption par étage
kW/st = Stage absorption
kW/st = Potencia absorbida por etapa

Max
1,18

Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B



NPSH (m)	25%	50%	75%	100%
140 PS 42 - 140 PSX 42	3,4	3,6	4,5	6,5



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Note/notes

A series of horizontal dotted lines for taking notes, spanning the width of the page.