

Tolleranza alla sabbia 50 g/m³ - Sand tolerance 50 g/m³

PANNELLI®

Italian excellence since 1906



6"

140 PS

140 PSX

50Hz

**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

Máxima cantidad de arena: 50 gr/m³

PANELLI®

Italian excellence since 1906

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

PANNELLI®

Italian excellence since 1906

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

Máxima cantidad de arena: 50 gr/m³

STAGE



140 PSX



6" PR/PS

**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 semi axial 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 semi-axiales 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

AVANTAGES

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 semi-axiales 140 PS / 140 PSX ofrecen una eficiencia muy elevada para aplicaciones con agua limpia de tipo doméstico e industrial, para sistemas de presión, y sistemas contra incendio, riego y sistema de aguas públicas.

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 e 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.

Máxima cantidad de arena: 50 g/m³



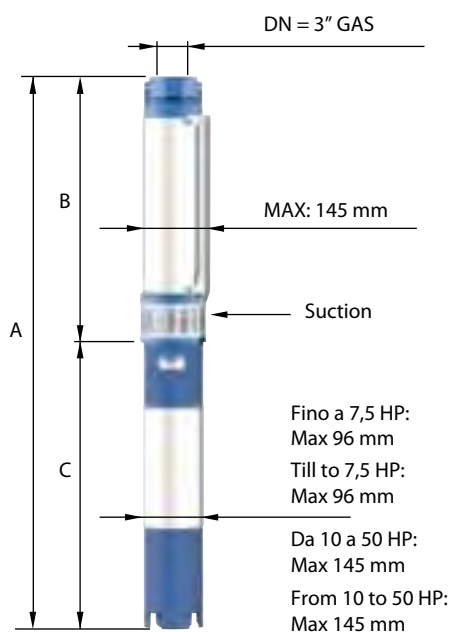
CARATTERISTICHE IDRAULICHE - HYDRAULIC PERFORMANCES

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	m ³ /h	l/min	l/sec	m ³ /h
			0	5	6,67	8	10	11,67
140 PS36 N/03	3	4,0	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

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



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*

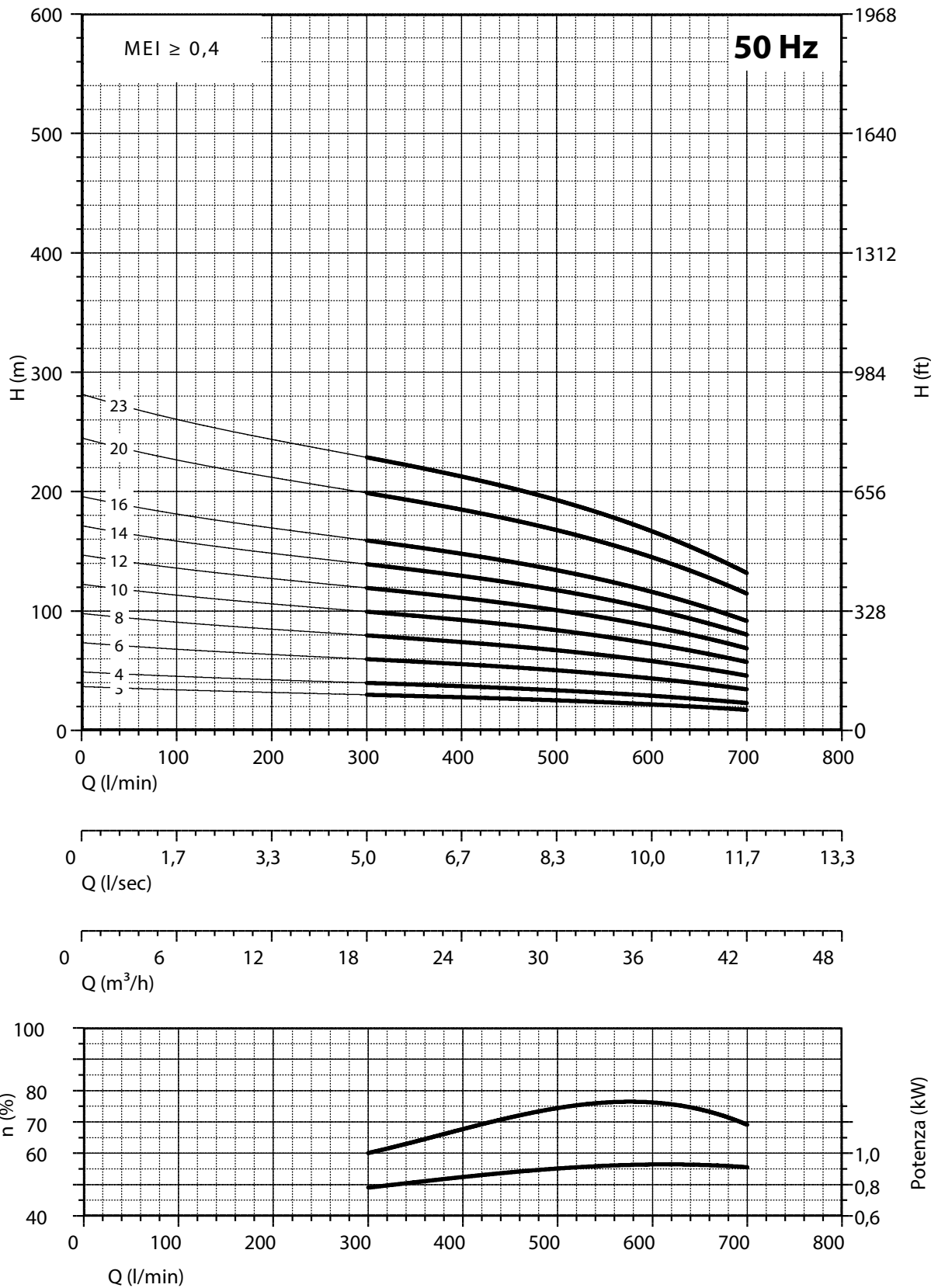
n% = Rendimento della pompa
 n% = Rendement de la pompe
 n% = Pump efficiency
 n% = Rendimiento de la bomba

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

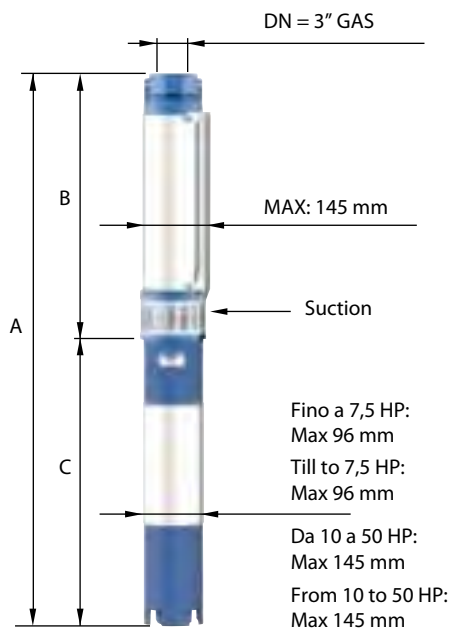
CARATTERISTICHE IDRAULICHE - HYDRAULIC PERFORMANCES

Q= Portata - Capacity - Debit **50 Hz n= 2900 min**

Tipo Type	Power		H(m)	l/min	400	500	600	700	800	900	
	kW	HP		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	

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



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*

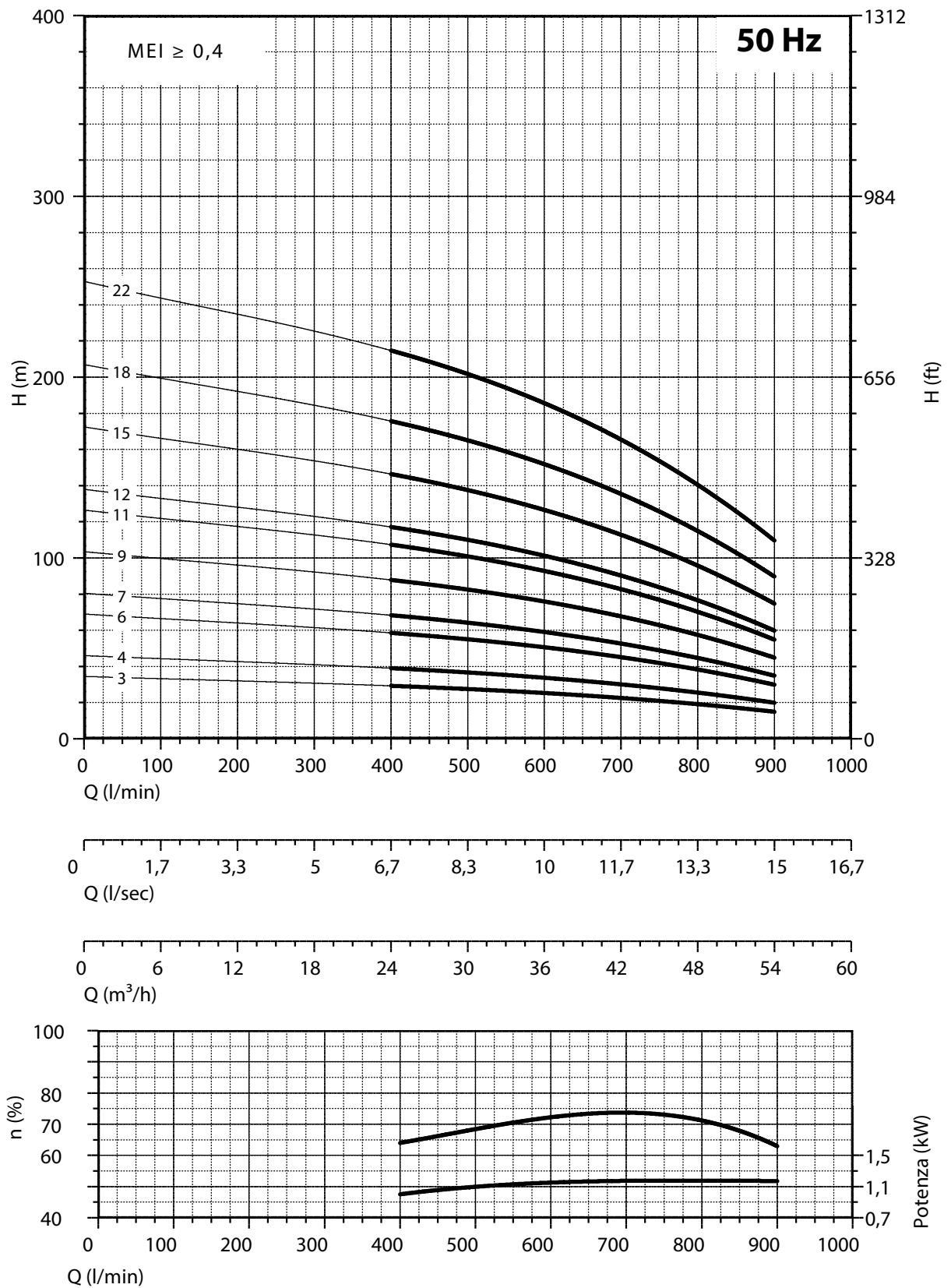
n% = Rendimento della pompa
 n% = Rendement de la pompe
 n% = Pump efficiency
 n% = Rendimiento de la bomba

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