

Tolleranza alla sabbia 300 g/m<sup>3</sup> - Sand tolerance 300 g/m<sup>3</sup>

**PANNELLI**®

*Italian excellence since 1906*



**4"** 95 PR | 95 PRX | **50Hz**

**POMPA SOMMERSA  
GIRANTE FLOTTANTE  
SUBMERSIBLE PUMP  
FLOATING IMPELLER**



**MADE IN ITALY**



# 4"

95 PR  
95 PRX

50Hz

## POMPA SOMMERSA GIRANTE FLOTTANTE SUBMERSIBLE PUMP FLOATING IMPELLER

Girante Flottante Brevettata

*Patented Floating Impeller*

Brevet Roue Flottante

*Rodete Flotante Patentado*

Assemblaggio robotizzato

*Robotized assembly*

Assemblage robotisé

*Montaje robotizado*

Massimo contenuto di sabbia: 300 gr/m<sup>3</sup>

*Maximum sand content: 300 gr/m<sup>3</sup>*

Tolérance de sable maximum: 300 gr/m<sup>3</sup>

*Maxima cantidad de arena: 300 gr/m<sup>3</sup>*

# PANELLI®

*Italian excellence since 1906*

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



**4"** 95 PR | 95 PRX | **50Hz**

## POMPA SOMMERSA GIRANTE FLOTTANTE SUBMERSIBLE PUMP FLOATING IMPELLER

Diffusore in Noryl - Girante in Policarbonato

*Noryl Diffuser - Polycarbonate Impeller*

Diffuseur en Noryl - Roue en Polycarbonate

*Difusor en Noryl - Rodete en Policarbonato*

Elemento e Camicia in AISI 304

*Internal element and pump sleeve in Stainless Steel AISI 304*

Élément intermédiaire et chemise en acier inoxydable AISI 304

*Elemento intermedio y camisa en acero inoxidable AISI 304*

### 95 PR

Aspirazione e mandata in ottone

*Suction cage and delivery bowl in brass*

Cage d'aspiration et refoulement en laiton

*Cuerpo de aspiración y de impulsión en bronce*

### 95 PRX

Aspirazione e mandata in acciaio inossidabile

*Suction cage and delivery bowl in Stainless Steel AISI 304*

Cage d'aspiration et refoulement en acier inoxydable AISI 304

*Cuerpo de aspiración y de impulsión en acero inoxidable AISI 304*

95 PR



95 PRX



4"



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

Idonee al pompaggio di acqua pulita (T. max 35°C) in impianti di pressurizzazione, antincendio ed irrigazione, approvvigionamento idrico, ad uso civile ed industriale. Riassumono 40 anni di esperienza nella progettazione idraulica di elettropompe. Il concetto innovativo (brevettato) della girante flottante a rasamento frontale facilita il flusso dell'acqua nella pompa con importanti vantaggi idraulici e funzionali.

**VANTAGGI**

Massimo rendimento, elevata resistenza all'usura da sabbia

l'ottima qualità dei materiali ed il concetto costruttivo aumenta notevolmente la durata della pompa - riduzione al minimo della manutenzione

**MATERIALI**

Materiali in esecuzione standard sono: Girante in tecnopolimero (Lexan) diffusore in tecnopolimero (Noryl GFN2) Elemento intermedio in acciaio Inox AISI 304 - Camicia esterna in acciaio inox AISI 304 Mandata e gabbia di aspirazione in ottone o acciaio inox - valvola di ritegno in acciaio inox AISI 304 incorporata. Inoltre, in aggiunta ai materiali della costruzione di serie, le pompe possono essere fornite con mandata e aspirazione in acciaio inox microfuso AISI 304 (SERIE 95 PRX).

**CAMPI DI PRESTAZIONE IDRAULICHE**

Portate fino a 24 m<sup>3</sup>/h (con serie elevata portata) Prevalenze fino a 470 m Potenze fino a 10 HP (7,5 Kw)

Massima quantità di sabbia ammessa: 300g/m<sup>3</sup> serie 95 PR / 95 PRX (Serie Elevata portata max 50g/m<sup>3</sup>, 95 SX - 95 PR 18- 95 PRX 18).

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

*Pumps suitable for clean water supply (max. water temp. 35°C) for domestic and industrial applications such as pressure boosters, firefighting systems and irrigation.*

*The submersible pumps series 95 PR N /95 PRX N summarize 40 years experience in hydraulics. The patented know-how of the floating impeller with front shim adjustment enhances the water flow into the pump with important hydraulic and functional advantages.*

**ADVANTAGES**

- High Efficiency
- High wear resistance to sand
- Longer pump life thanks to the high quality of materials and to the specific floating impeller design
- Very low maintenance need

**MATERIALS**

*The materials 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 or stainless steel. 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 casted stainless steel AISI 304 (SERIES 95 PRX).*

**HYDRAULIC PERFORMANCES**

*Capacity up to 24 m<sup>3</sup>/h with the unique High Capacity Series (95 PR 18, 95 PRX 18, 95 SX18). Head up to 470 m Power range up to 7,5 kW-10HP. Maximum sand content 300 g/m<sup>3</sup> of water (High Capacity Series max 50 g/m<sup>3</sup> of water, 95 SX - 95 PR 18, 95 PRX 18).*

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



#### **ELECTROPOMPES IMMERGEES TUBEE 4" (SERIES 95 PR N/95 PRX N)**

Pompes pour eaux claires (Temp. Maxi de l'eau: 35°C) dans toutes applications domestiques et industrielles : surpression, pompes d'incendie, irrigation.

Les pompes submersibles de la série 95 PR N /95 PRX N résumant 40 ans d'expérience dans le domaine de l'hydraulique. Le concept innovateur (Breveté) de la roue flottante favorise le flux de l'eau dans la pompe avec importants avantages hydrauliques et de fonctionnement.

#### **ADVANTAGES**

- Haut rendement
- Résistance élevée à l'abrasion du sable
- Durée de vie très importante grâce à la qualité des matériaux et à la conception de la roue flottante
- Manutention réduite

#### **MATERIAUX**

Les matériaux d'exécution standard sont: Roue en technopolymère (Lexan) Diffuseur en technopolymère (Noryl GFN2) Élément intermédiaire en Acier Inox AISI 304 Chemise de blocage en acier inox AISI 304. Pièce de refoulement et cage d'aspiration en laiton ou acier inoxydable. 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 (SERIES 95 PRX).

#### **PERFORMANCES HYDRAULIQUES**

Débit jusqu'à 24 m<sup>3</sup>/h avec la série High Capacity (95 PR 18, 95 PRX 18, 95 SX18).

Hauteur jusqu'à 470 m. Puissances jusqu'à 7,5 kW-10HP.

Quantité de sable jusqu'à 300 g/m<sup>3</sup> d'eau (série High Capacity jusqu'à 50 g/m<sup>3</sup> d'eau, 95 SX - 95 PR 18, 95 PRX 18).



#### **ELECTROBOMBAS SUMERGIDAS ENCAPSULADAS 4" (SERIES 95 PR N/ 95 PRX N)**

Las bombas sumergibles de la serie 95 PR N /95 PRX N suman 40 años de experiencia en hidráulica.

El concepto innovador del rodete flotante favorece el flujo de agua en la bomba con importantes ventajas hidráulicas y de funcionamiento.

#### **VENTAJAS**

- Elevada eficiencias
- Elevada resistencia a la abrasión por arena
- Durabilidad de vida más larga gracias a la calidad de los materiales y al concepto de impulsor flotante
- Manutención mínima

#### **MATERIALES**

Los materiales en ejecución estandar son los siguientes: Rodete en technopolimero (Lexan) Difusor en technopolimero (Noryl GFN2). Elemento intermedio en Acero Inoxidable AISI 304. Camisa externa en acero Inoxidable AISI 304. Cuerpo de aspiración e impulsión en bronce o en acero inoxidable. Válvula de retención en acero Inoxidable Aisi 304 incorporada en la impulsión de la bomba. Además de los materiales de construcción de serie, las bombas pueden ser fabricadas con el cuerpo de aspiración y el cuerpo de impulsión en micro fundición de acero inoxidable AISI 304 (SERIES 95 PRX).

#### **PRESTACIONES HIDRAULICAS**

Caudal hasta 24 m<sup>3</sup>/h gracias a la unicidad de la serie High Capacity (95 PR 18, 95 PRX 18, 95 SX18).

Altura hasta 470 m. Potencias hasta to 7,5 kW-10HP.

Máxima cantidad de arena hasta 300 g/m<sup>3</sup> de agua (serie High Capacity hasta 50 g/m<sup>3</sup> de agua, 95 SX - 95 PR 18, 95 PRX 18).



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

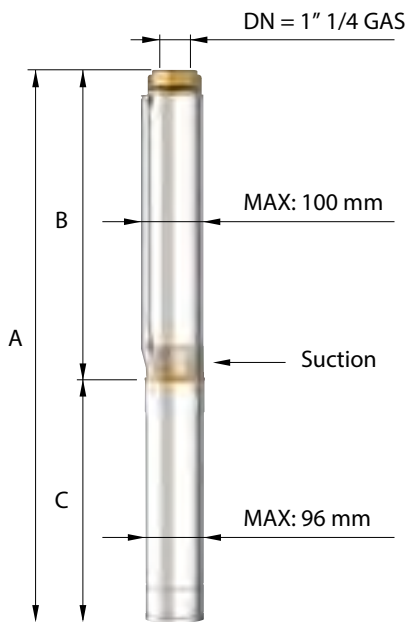
**CARATTERISTICHE IDRAULICHE - HYDRAULIC PERFORMANCES**

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

Tipo Type	Power		V230 Single Phase		V400 Three Phase	H(m)	0	5	10	15	20	25	30	35			
	kW	HP	A	µF	A		l/min	l/sec	m <sup>3</sup> /h	0	0,08	0,17	0,25	0,33	0,42	0,50	0,58
							0	0,3	0,6	0,9	1,2	1,5	1,8	2,1			
95 PR1 N/08	0,37	0,5	3,5	16	-	46	45	44	42	38	33	27	21				
95 PR1 N/13	0,55	0,75	4,9	20	1,7	74	73	71	68	62	54	44	33				
95 PR1 N/17	0,75	1	6,5	30	2,2	97	96	93	89	81	70	58	44				
95 PR1 N/25	1,1	1,5	9,4	40	3	143	141	137	131	119	104	85	64				
95 PR1 N/34	1,5	2	11,5	50	4	194	191	187	178	162	141	116	87				
95 PR1 N/50	2,2	3	14,7	75	5,7	286	281	274	261	239	207	170	129				

**DIMENSIONI D'INGOMBRO E PESI - OVERALL DIMENSIONS AND WEIGHTS**

Type	A mm Single Phase V 230	A mm Three Phase V 400	B mm	C mm Single Phase V 230	C mm Three Phase V 400	M Kg Single Phase	M Kg Three Phase	P Kg
95 PR1 N/08	683	-	366	317	-	7	-	4
95 PR1 N/13	801	781	464	337	317	8	8	5
95 PR1 N/17	904	879	542	362	337	10	10	6
95 PR1 N/25	1090	1060	698	392	362	12	12	8
95 PR1 N/34	1295	1265	873	422	392	13	13	11
95 PR1 N/50	1652	1637	1185	467	452	15	15	15



**Versioni disponibili**  
Available versions  
Versions disponibles  
Versiones disponibles



**95 PR**  
Gabbia di aspirazione  
e mandata in ottone  
  
Suction cage and  
delivery bowl in brass



**95 PRX**  
Gabbia di aspirazione  
e mandata in AISI 304  
microfuso  
  
Suction cage and  
delivery bowl  
in AISI 304 casted

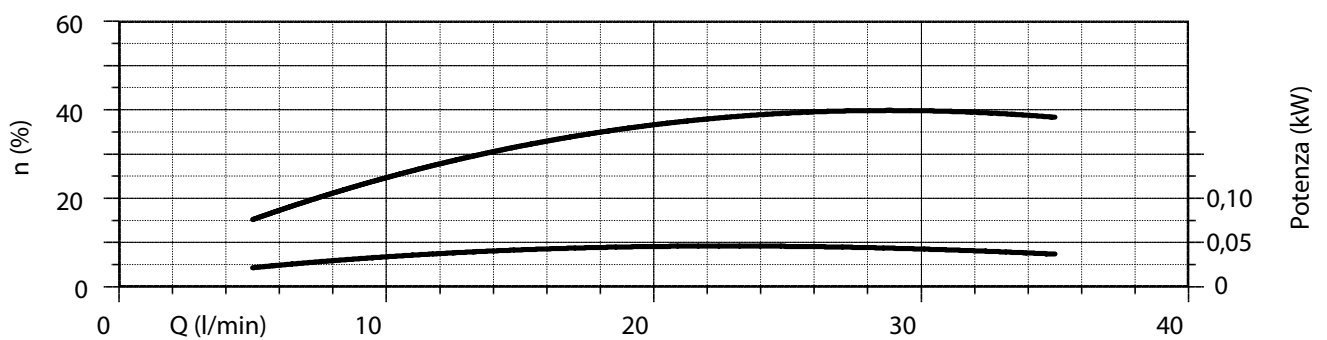
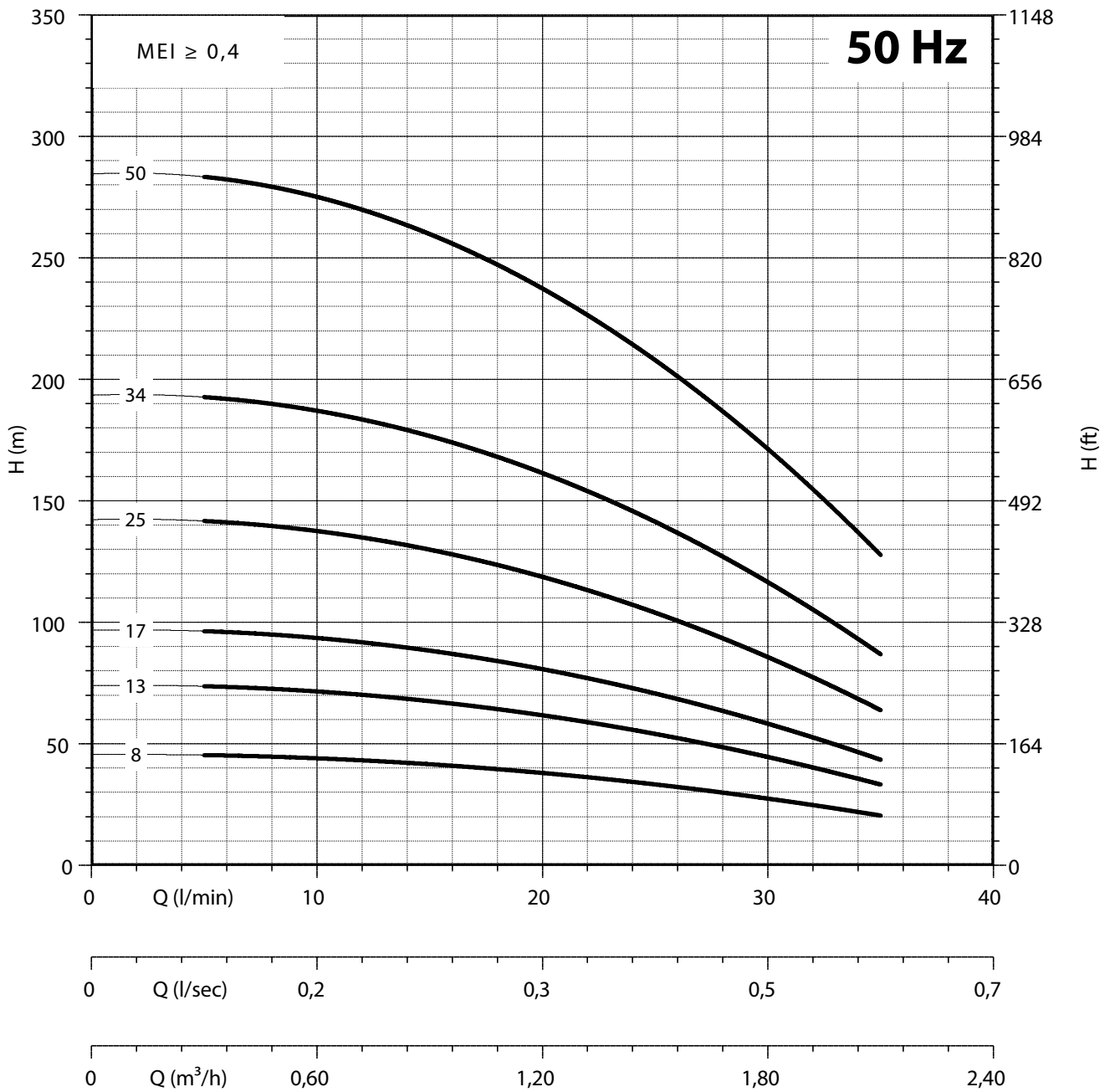
n% = Rendimento della pompa  
n% = Rendement de la pompe  
n% = Pump efficiency  
n% = Rendimiento de la bomba

**Max  
40,5 %**

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

**Max  
0,044**

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



NPSH (m)		25%	50%	75%	100%
95 PR 1	95 PRX 1	2	2	2,2	2,7

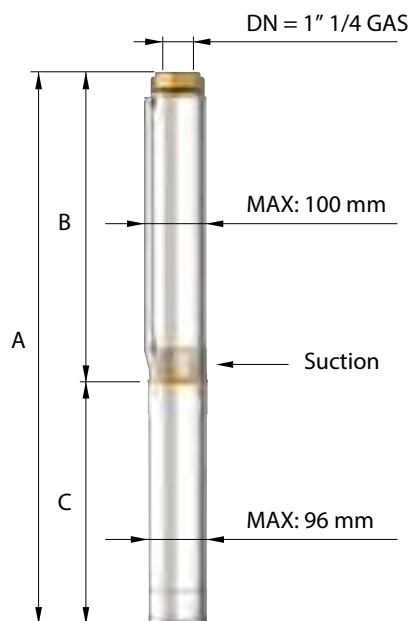
**CARATTERISTICHE IDRAULICHE - HYDRAULIC PERFORMANCES**

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

Tipo Type	Power		V230 Single Phase		V400 Three Phase A	H(m)	0	20	30	40	50	60
	kW	HP	A	µF			l/min	l/sec	m <sup>3</sup> /h			
					0		0,33	0,50	0,67	0,83	1	
95 PR2 N/07	0,37	0,5	3,5	16	-	46	40	36	31	24	15	
95 PR2 N/10	0,55	0,75	4,9	20	1,7	66	57	52	44	35	22	
95 PR2 N/14	0,75	1	6,5	30	2,2	92	80	73	62	49	31	
95 PR2 N/21	1,1	1,5	9,4	40	3	138	120	109	93	73	46	
95 PR2 N/28	1,5	2	11,5	50	4	184	160	145	124	97	61	
95 PR2 N/41	2,2	3	14,7	75	5,7	269	234	213	182	143	90	
95 PR2 N/56	3	4	-	-	7,4	368	320	291	248	195	123	
95 PR2 N/70	4	5,5	-	-	10	460	400	363	310	243	153	

**DIMENSIONI D'INGOMBRO E PESI - OVERALL DIMENSIONS AND WEIGHTS**

Type	A mm Single Phase V 230	A mm Three Phase V 400	B mm	C mm Single Phase V 230	C mm Three Phase V 400	M Kg Single Phase	M Kg Three Phase	P Kg
95 PR2 N/07	681	-	364	317	-	7	-	4
95 PR2 N/10	767	747	430	337	317	8	8	5
95 PR2 N/14	880	855	518	362	337	10	10	6
95 PR2 N/21	1064	1034	672	392	362	12	12	7
95 PR2 N/28	1248	1218	826	422	392	13	13	9
95 PR2 N/41	1579	1564	1112	467	452	15	15	12
95 PR2 N/56	-	1999	1442	-	557	-	19	16
95 PR2 N/70	-	2347	1750	-	597	-	22	20



**Versioni disponibili**  
Available versions  
Versions disponibles  
Versiones disponibles



**95 PR**  
Gabbia di aspirazione  
e mandata in ottone  
  
Suction cage and  
delivery bowl in brass



**95 PRX**  
Gabbia di aspirazione  
e mandata in AISI 304  
microfuso  
  
Suction cage and  
delivery bowl  
in AISI 304 casted

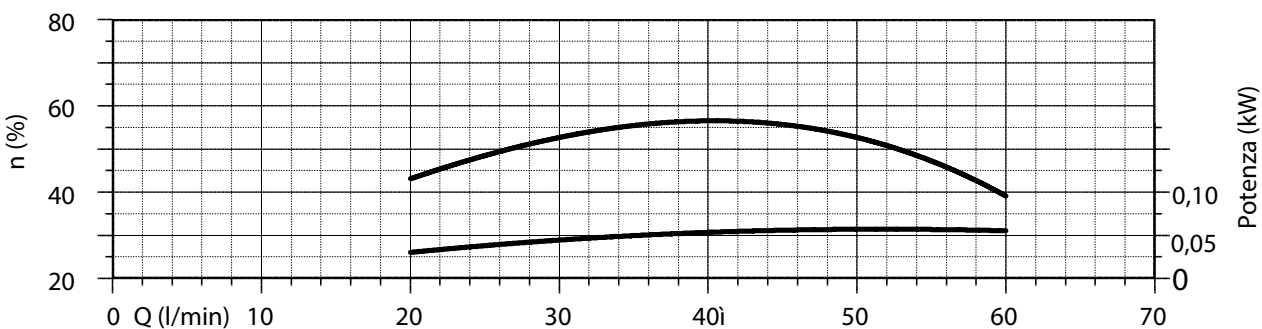
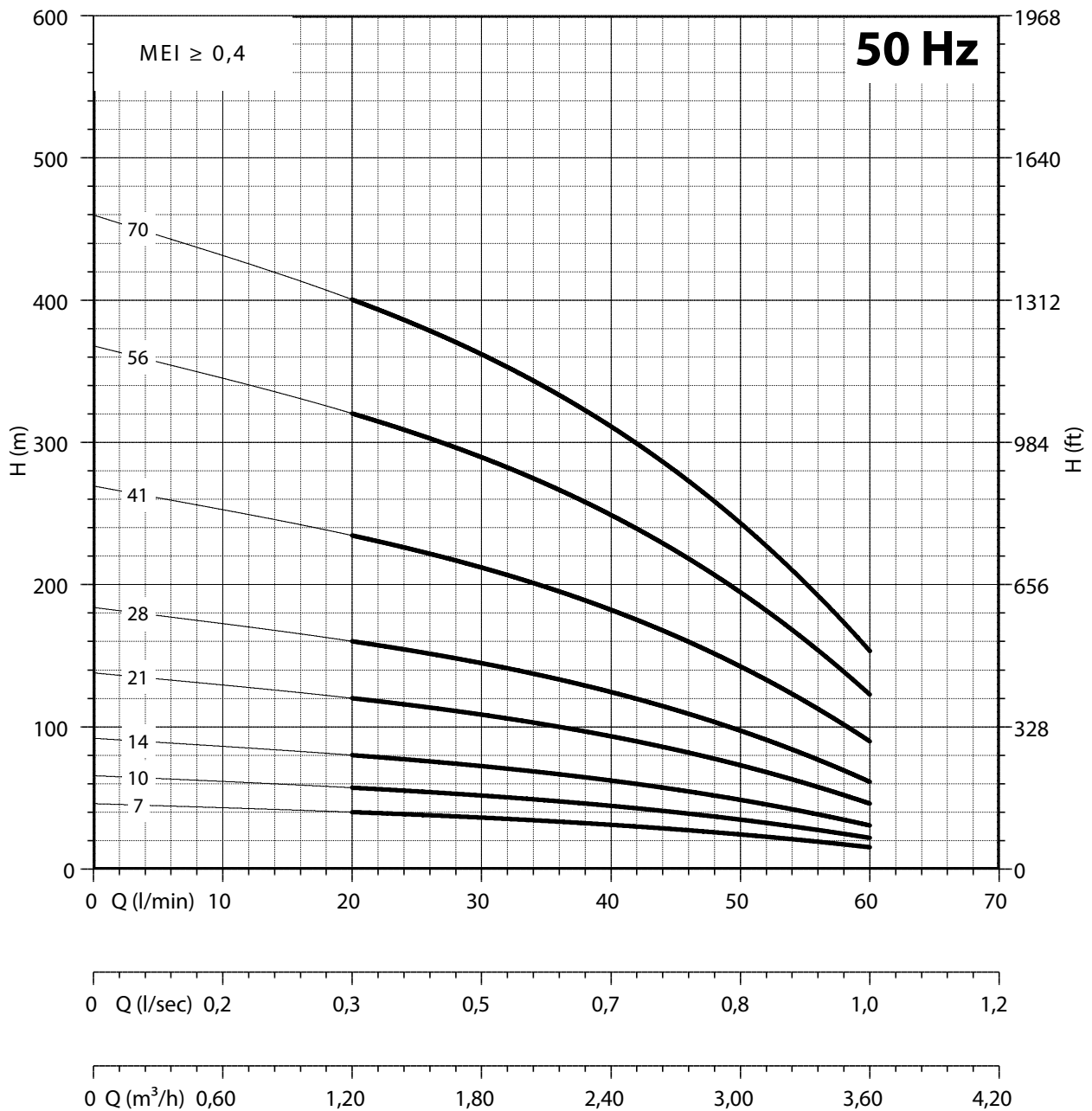
n% = Rendimento della pompa  
n% = Rendement de la pompe  
n% = Pump efficiency  
n% = Rendimiento de la bomba

**Max**  
**56 %**

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

**Max**  
**0,053**

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



NPSH (m)		25%	50%	75%	100%
95 PR 2	95 PRX 2	2	2	2,5	3,2

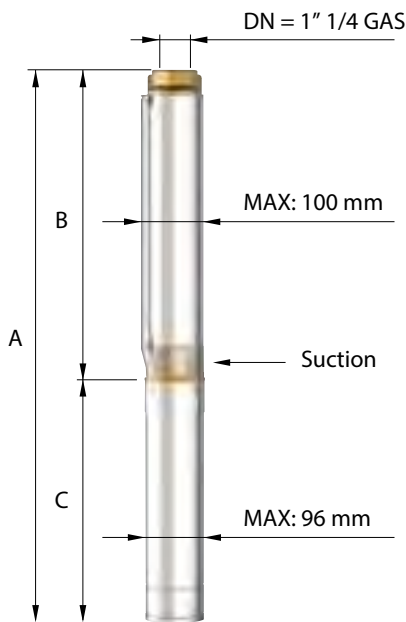
**CARATTERISTICHE IDRAULICHE - HYDRAULIC PERFORMANCES**

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

Tipo Type	Power		V230 Single Phase		V400 Three Phase A	H(m)									
	kW	HP	A	μF		l/min	0	20	30	40	50	60	70	80	90
						l/sec	0	0,33	0,50	0,67	0,83	1	1,17	1,33	1,50
95 PR3 N/07	0,55	0,75	4,9	20	1,7	0	1,2	1,8	2,4	3,0	3,6	4,2	4,8	5,4	
95 PR3 N/10	0,75	1	6,5	30	2,2	46	46	44	41	37	32	27	20	12	
95 PR3 N/14	1,1	1,5	9,4	40	3	66	65	63	59	53	46	38	28	18	
95 PR3 N/20	1,5	2	11,5	50	4	93	91	88	82	74	65	53	39	25	
95 PR3 N/29	2,2	3	14,7	75	5,7	133	130	126	118	106	93	76	56	35	
95 PR3 N/39	3	4	-	-	7,4	192	189	183	170	154	134	111	82	51	
95 PR3 N/52	4	5,5	-	-	10	258	254	246	229	207	180	149	110	68	
						345	338	328	306	276	241	198	146	91	

**DIMENSIONI D'INGOMBRO E PESI - OVERALL DIMENSIONS AND WEIGHTS**

Type	A mm Single Phase V 230	A mm Three Phase V 400	B mm	C mm Single Phase V 230	C mm Three Phase V 400	M Kg Single Phase	M Kg Three Phase	P Kg
95 PR3 N/07	701	681	364	337	317	8	8	4
95 PR3 N/10	792	767	430	362	337	10	10	5
95 PR3 N/14	910	880	518	392	362	12	12	6
95 PR3 N/20	1072	1042	650	422	392	13	13	7
95 PR3 N/29	1315	1300	848	467	452	15	15	10
95 PR3 N/39	-	1625	1068	-	557	-	19	12
95 PR3 N/52	-	1951	1354	-	597	-	22	16



**Versioni disponibili**  
Available versions  
Versions disponibles  
Versiones disponibles



**95 PR**  
Gabbia di aspirazione  
e mandata in ottone  
  
Suction cage and  
delivery bowl in brass



**95 PRX**  
Gabbia di aspirazione  
e mandata in AISI 304  
microfuso  
  
Suction cage and  
delivery bowl  
in AISI 304 casted

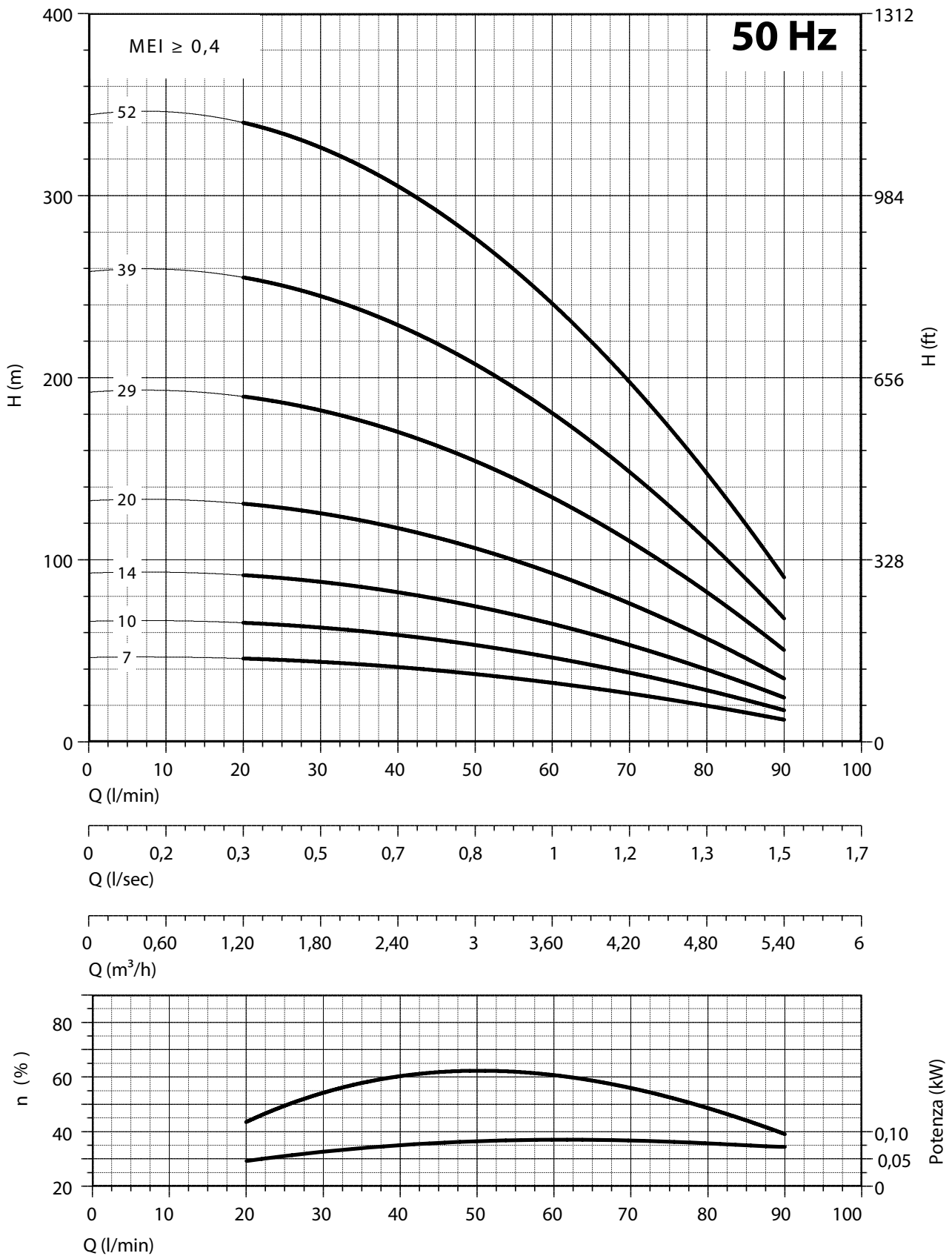
n% = Rendimento della pompa  
n% = Rendement de la pompe  
n% = Pump efficiency  
n% = Rendimiento de la bomba

**Max  
64%**

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

**Max  
0,076**

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



NPSH (m)		25%	50%	75%	100%
95 PR 3	95 PRX 3	2	2	2,5	3,2

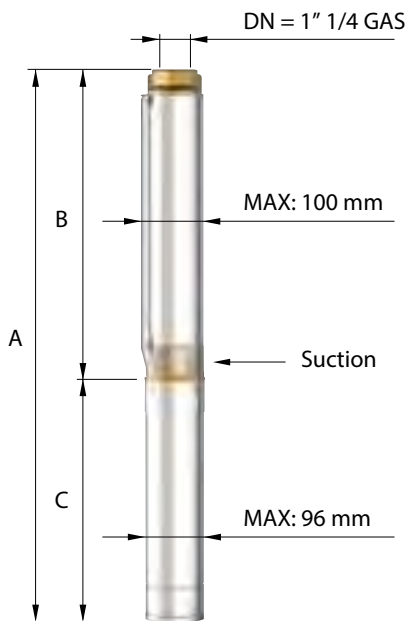
**CARATTERISTICHE IDRAULICHE - HYDRAULIC PERFORMANCES**

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

Tipo Type	Power		V230 Single Phase		V400 Three Phase A	l/min	0	40	50	60	70	80	90	100
	kW	HP	A	µF										
					H(m)									
95 PR4 N/06	0,55	0,75	4,9	20	1,7	41	38	36	34	30	25	19	12	
95 PR4 N/08	0,75	1	6,5	30	2,2	55	51	49	45	40	34	26	17	
95 PR4 N/12	1,1	1,5	9,4	40	3	83	77	73	68	60	50	38	25	
95 PR4 N/16	1,5	2	11,5	50	4	110	102	97	90	80	67	51	33	
95 PR4 N/23	2,2	3	14,7	75	5,7	158	147	139	129	115	96	73	47	
95 PR4 N/32	3	4	-	-	7,4	220	204	194	180	160	134	102	66	
95 PR4 N/42	4	5,5	-	-	10	289	268	255	236	210	176	134	87	
95 PR4 N/52	5,5	7,5	-	-	13,5	358	332	315	293	260	218	166	107	
95 PR4 N/68	7,5	10	-	-	18	468	434	412	383	340	285	217	140	

**DIMENSIONI D'INGOMBRO E PESI - OVERALL DIMENSIONS AND WEIGHTS**

Type	A mm Single Phase V 230	A mm Three Phase V 400	B mm	C mm Single Phase V 230	C mm Three Phase V 400	M Kg Single Phase	M Kg Three Phase	P Kg
95 PR4 N/06	679	659	342	337	317	8	8	4
95 PR4 N/08	748	723	386	362	337	10	10	4,5
95 PR4 N/12	866	836	474	392	362	12	12	6
95 PR4 N/16	984	954	562	422	392	13	13	7
95 PR4 N/23	1183	1168	716	467	452	15	15	9
95 PR4 N/32	-	1471	914	-	557	-	19	12
95 PR4 N/42	-	1731	1134	-	597	-	22	15
95 PR4 N/52	-	2052	1354	-	698	-	27	18
95 PR4 N/68	-	2524	1706	-	818	-	32	23



**Versioni disponibili**  
**Available versions**  
**Versions disponibles**  
**Versiones disponibles**



**95 PR**  
 Gabbia di aspirazione  
 e mandata in ottone  
*Suction cage and  
 delivery bowl in brass*



**95 PRX**  
 Gabbia di aspirazione  
 e mandata in AISI 304  
 microfuso  
*Suction cage and  
 delivery bowl  
 in AISI 304 casted*

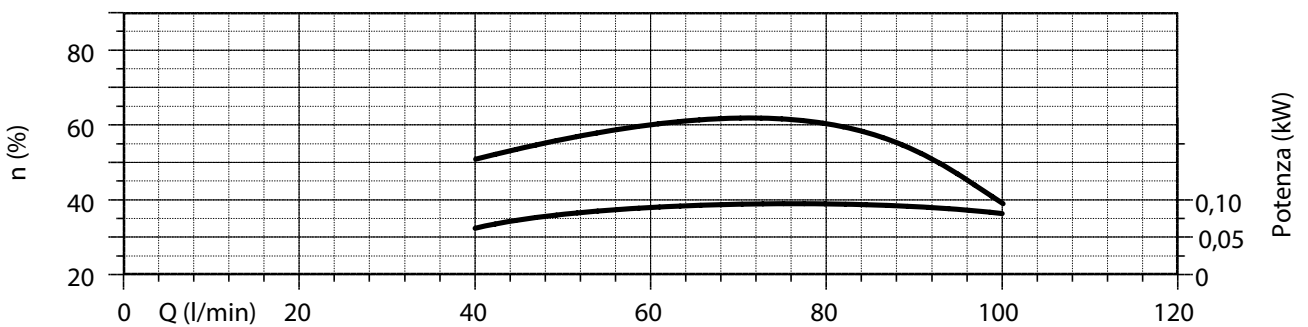
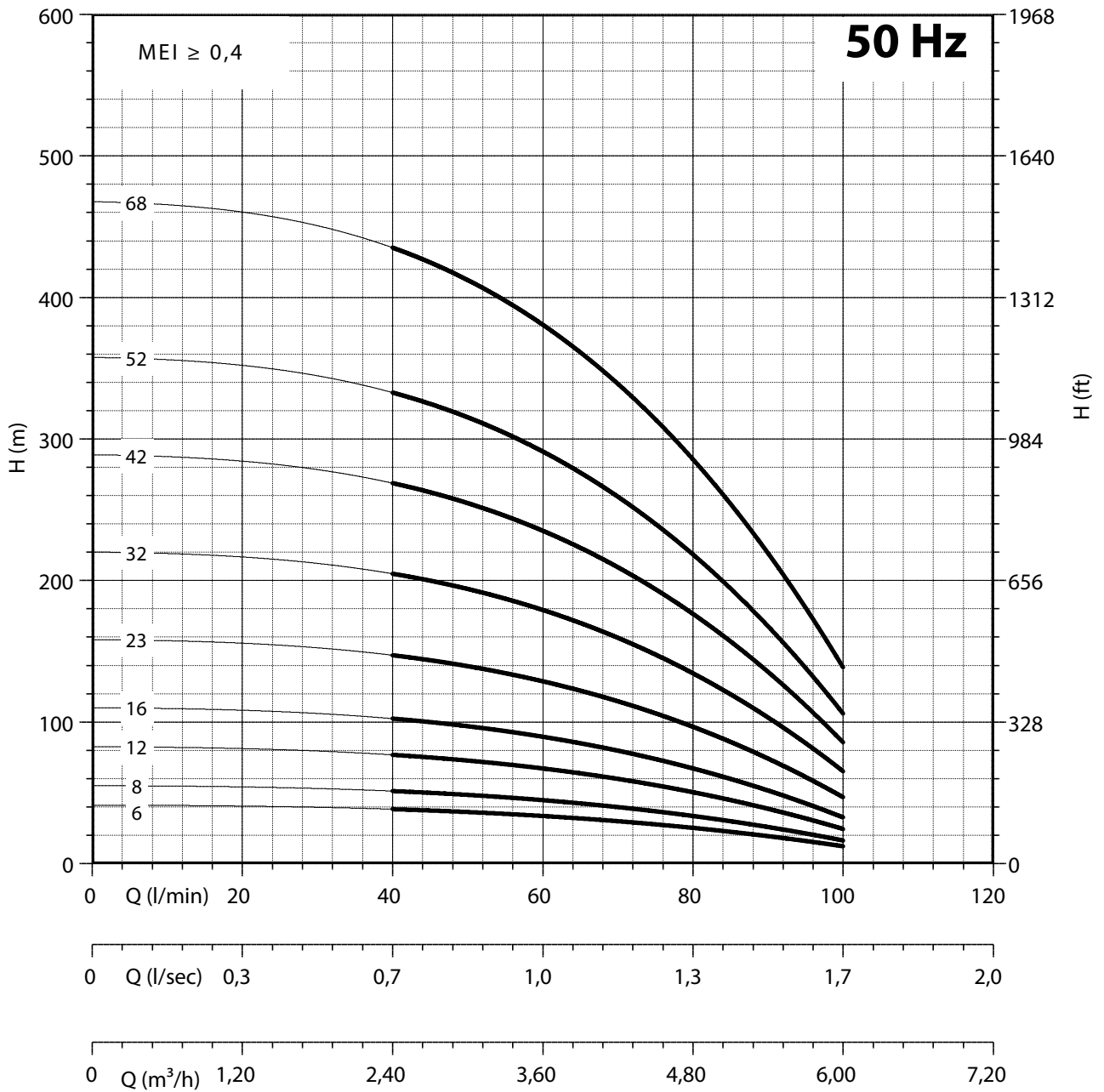
n% = Rendimento della pompa  
 n% = Rendement de la pompe  
 n% = Pump efficiency  
 n% = Rendimiento de la bomba

**Max**  
**63,5 %**

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

**Max**  
**0,095**

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



NPSH (m)		25%	50%	75%	100%
95 PR 4	95 PRX 4	2	2	2,5	3,2

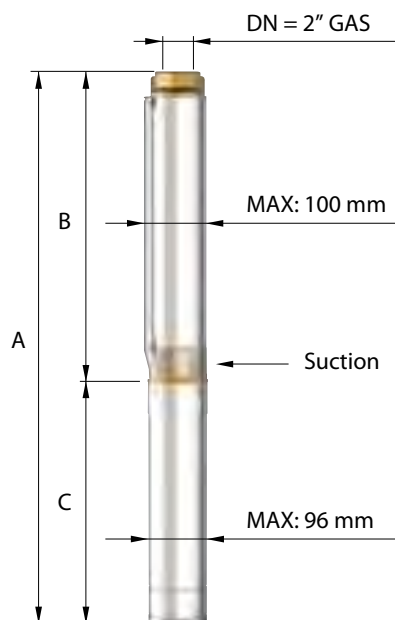
**CARATTERISTICHE IDRAULICHE - HYDRAULIC PERFORMANCES**

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

Tipo Type	Power		V230 Single Phase		V400 Three Phase A	H(m)							
	kW	HP	A	µF		l/min	40	60	80	100	120	140	160
						l/sec	0,67	1	1,33	1,67	2	2,33	2,67
95 PR6 N/04	0,55	0,75	4,9	20	1,7	26	24	23	22	20	17	14	10
95 PR6 N/06	0,75	1	6,5	30	2,2	38	36	34	32	30	26	21	14
95 PR6 N/09	1,1	1,5	9,4	40	3	57	53	51	48	44	39	32	21
95 PR6 N/12	1,5	2	11,5	50	4	77	71	68	65	59	52	42	29
95 PR6 N/17	2,2	3	14,7	75	5,7	109	101	97	92	84	73	60	41
95 PR6 N/23	3	4	-	-	7,4	147	136	131	124	113	99	81	55
95 PR6 N/31	4	5,5	-	-	10	198	184	176	167	153	134	110	74
95 PR6 N/42	5,5	7,5	-	-	13,5	268	249	239	226	207	181	149	100
95 PR6 N/56	7,5	10	-	-	18	358	332	319	302	276	241	198	134

**DIMENSIONI D'INGOMBRO E PESI - OVERALL DIMENSIONS AND WEIGHTS**

Type	A mm Single Phase V 230	A mm Three Phase V 400	B mm	C mm Single Phase V 230	C mm Three Phase V 400	M Kg Single Phase	M Kg Three Phase	P Kg
95 PR6 N/04	667	647	330	337	317	8	8	3
95 PR6 N/06	752	727	390	362	337	10	10	4
95 PR6 N/09	872	842	480	392	362	12	12	5
95 PR6 N/12	992	962	570	422	392	13	13	6
95 PR6 N/17	1187	1172	720	467	452	15	15	8
95 PR6 N/23	-	1457	900	-	557	-	19	10
95 PR6 N/31	-	1737	1140	-	597	-	22	13
95 PR6 N/42	-	2168	1470	-	698	-	27	16
95 PR6 N/56	-	2708	1890	-	818	-	32	21



**Versioni disponibili**  
**Available versions**  
**Versions disponibles**  
**Versiones disponibles**



**95 PR**  
 Gabbia di aspirazione  
 e mandata in ottone  
*Suction cage and  
 delivery bowl in brass*



**95 PRX**  
 Gabbia di aspirazione  
 e mandata in AISI 304  
 microfuso  
*Suction cage and  
 delivery bowl  
 in AISI 304 casted*

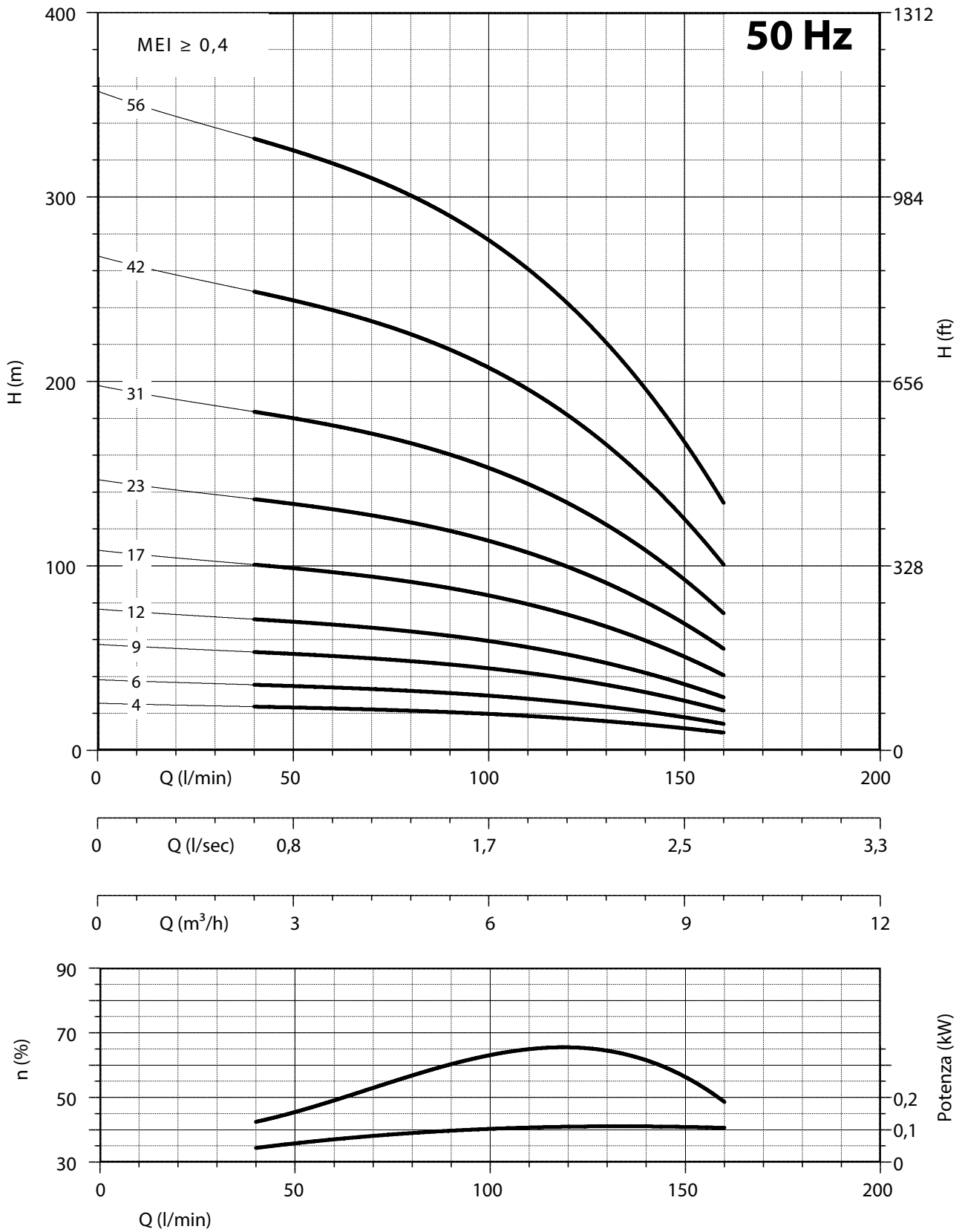
n% = Rendimento della pompa  
 n% = Rendement de la pompe  
 n% = Pump efficiency  
 n% = Rendimiento de la bomba

**Max  
65%**

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

**Max  
0,128**

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



NPSH (m)		25%	50%	75%	100%
95 PR 6	95 PRX 6	2,2	2,2	2,7	3,5

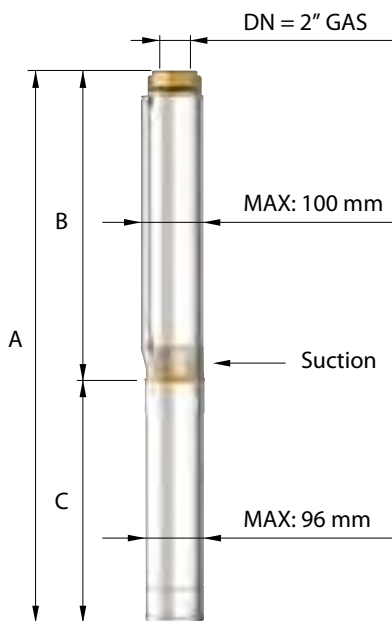
**CARATTERISTICHE IDRAULICHE - HYDRAULIC PERFORMANCES**

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

Tipo Type	Power		V230 Single Phase		V400 Three Phase A	l/min	0	80	100	120	140	160	180	200
	kW	HP	A	µF			l/sec	1,33	1,67	2,00	2,33	2,67	3,00	3,33
							m <sup>3</sup> /h	0	4,8	6	7,2	8,4	9,6	10,8
95 PR8 N/04	0,75	1	6,5	30	2,2	H(m)	25	24	22	21	18	15	11	4
95 PR8 N/07	1,1	1,5	9,4	40	3		44	41	39	36	32	27	19	8
95 PR8 N/09	1,5	2	11,5	50	4		56	53	50	46	42	35	25	10
95 PR8 N/13	2,2	3	14,7	75	5,7		81	77	72	67	60	50	36	14
95 PR8 N/18	3	4	-	-	7,4		112	107	100	93	83	69	50	19
95 PR8 N/24	4	5,5	-	-	10		150	142	133	124	111	92	66	26
95 PR8 N/31	5,5	7,5	-	-	13,5		193	184	172	160	143	119	86	33
95 PR8 N/42	7,5	10	-	-	18		262	249	233	216	194	162	116	45

**DIMENSIONI D'INGOMBRO E PESI - OVERALL DIMENSIONS AND WEIGHTS**

Type	A mm Single Phase V 230	A mm Three Phase V 400	B mm	C mm Single Phase V 230	C mm Three Phase V 400	M Kg Single Phase	M Kg Three Phase	P Kg
95 PR8 N/04	692	667	330	362	337	10	10	3
95 PR8 N/07	812	782	420	392	362	12	12	4
95 PR8 N/09	902	872	480	422	392	13	13	5
95 PR8 N/13	1067	1052	600	467	452	15	15	6
95 PR8 N/18	-	1307	750	-	557	-	19	8
95 PR8 N/24	-	1527	930	-	597	-	22	10
95 PR8 N/31	-	1838	1140	-	698	-	27	12
95 PR8 N/42	-	2288	1470	-	818	-	32	16



**Versioni disponibili**  
**Available versions**  
**Versions disponibles**  
**Versiones disponibles**



**95 PR**  
 Gabbia di aspirazione  
 e mandata in ottone

*Suction cage and  
 delivery bowl in brass*



**95 PRX**  
 Gabbia di aspirazione  
 e mandata in AISI 304  
 microfuso

*Suction cage and  
 delivery bowl  
 in AISI 304 casted*

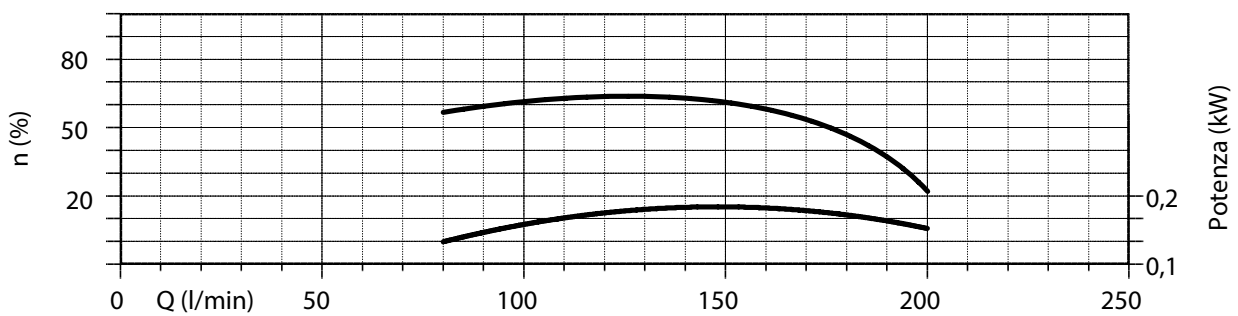
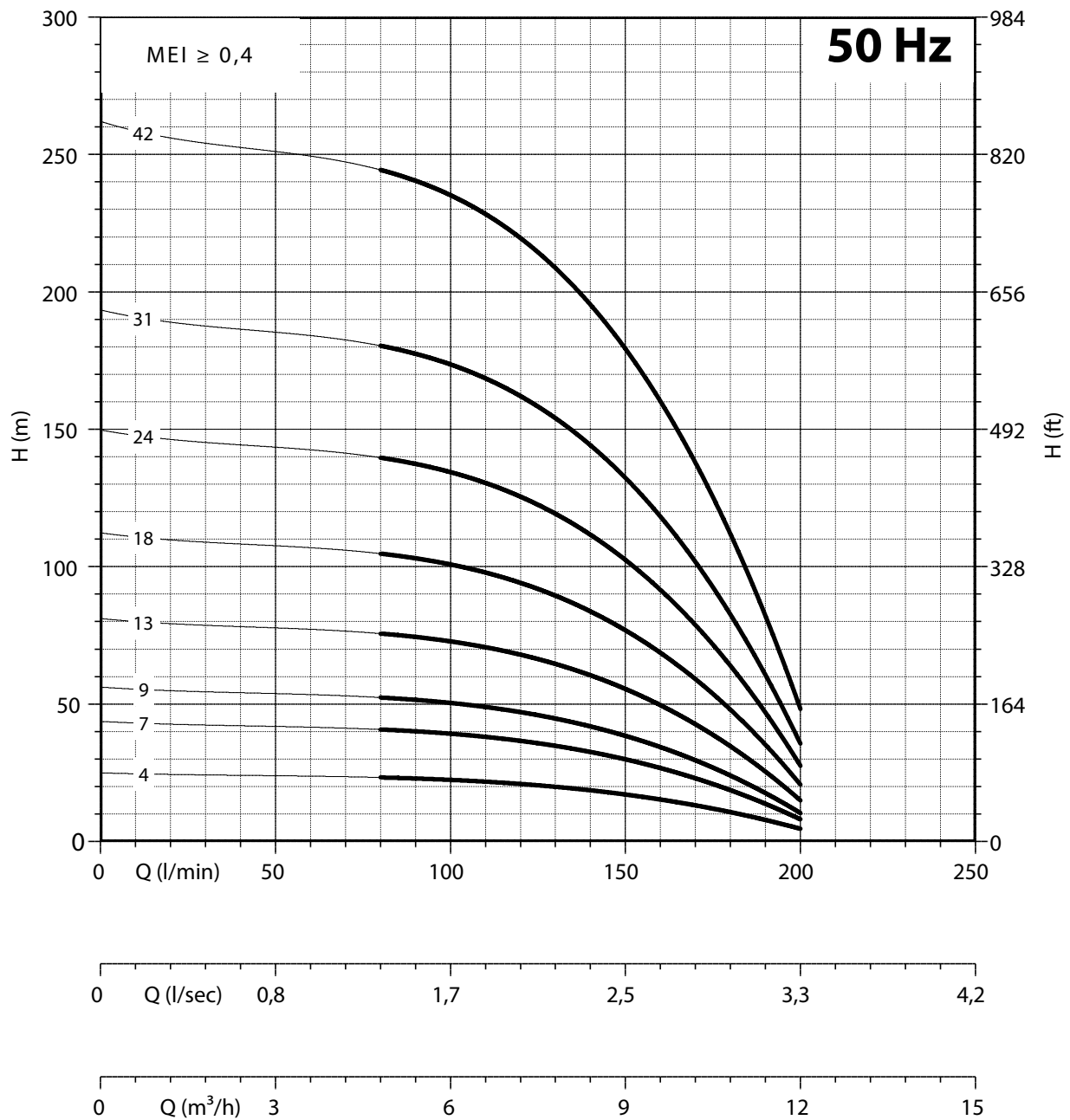
n% = Rendimento della pompa  
 n% = Rendement de la pompe  
 n% = Pump efficiency  
 n% = Rendimiento de la bomba

**Max  
 64%**

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

**Max  
 0,165**

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



NPSH (m)		25%	50%	75%	100%
95 PR 8	95 PRX 8	2,2	2,2	3	4,8

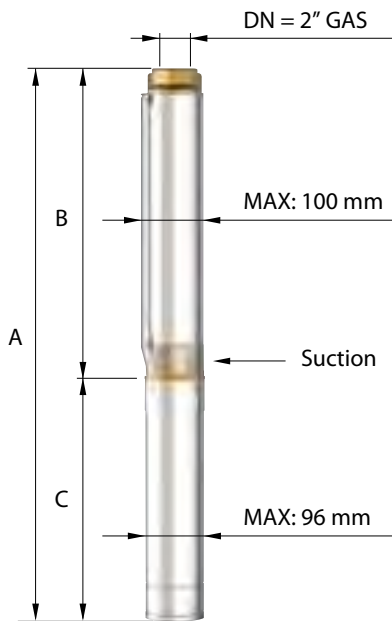
**CARATTERISTICHE IDRAULICHE - HYDRAULIC PERFORMANCES**

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

Tipo Type	Power		V230 Single Phase		V400 Three Phase A	H(m)	0	100	125	150	175	200	225	250	
	kW	HP	A	µF			l/min	l/sec	l/min	l/min	l/min	l/min	l/min	l/min	l/min
							m <sup>3</sup> /h	0	6	7,5	9	10,5	12	13,5	15
95 PR10 N/04	0,75	1	6,5	30	2,2	27	24	21	19	17	14	10	7		
95 PR10 N/06	1,1	1,5	9,4	40	3	41	35	32	29	25	21	15	10		
95 PR10 N/08	1,5	2	11,5	50	4	55	47	43	38	33	28	20	14		
95 PR10 N/12	2,2	3	14,7	75	5,7	82	71	64	57	50	41	30	21		
95 PR10 N/16	3	4	-	-	7,4	109	94	86	76	66	55	41	28		
95 PR10 N/22	4	5,5	-	-	10	150	130	118	105	91	76	56	38		
95 PR10 N/30	5,5	7,5	-	-	13,5	205	177	161	143	124	104	76	52		
95 PR10 N/40	7,5	10	-	-	18	273	236	214	191	165	138	102	69		

**DIMENSIONI D'INGOMBRO E PESI - OVERALL DIMENSIONS AND WEIGHTS**

Type	A mm Single Phase V 230	A mm Three Phase V 400	B mm	C mm Single Phase V 230	C mm Three Phase V 400	M Kg Single Phase	M Kg Three Phase	P Kg
95 PR10 N/04	766	736	374	392	362	12	12	4
95 PR10 N/06	848	818	456	392	362	12	12	4
95 PR10 N/08	960	930	538	422	392	13	13	5
95 PR10 N/12	1169	1154	702	467	452	15	15	7
95 PR10 N/16	-	1423	866	-	557	-	19	8
95 PR10 N/22	-	1709	1112	-	597	-	22	10
95 PR10 N/30	-	2138	1440	-	698	-	27	13
95 PR10 N/40	-	2668	1850	-	818	-	32	17



**Versioni disponibili**  
**Available versions**  
**Versions disponibles**  
**Versiones disponibles**



**95 PR**  
 Gabbia di aspirazione  
 e mandata in ottone  
*Suction cage and  
 delivery bowl in brass*



**95 PRX**  
 Gabbia di aspirazione  
 e mandata in AISI 304  
 microfuso  
*Suction cage and  
 delivery bowl  
 in AISI 304 casted*

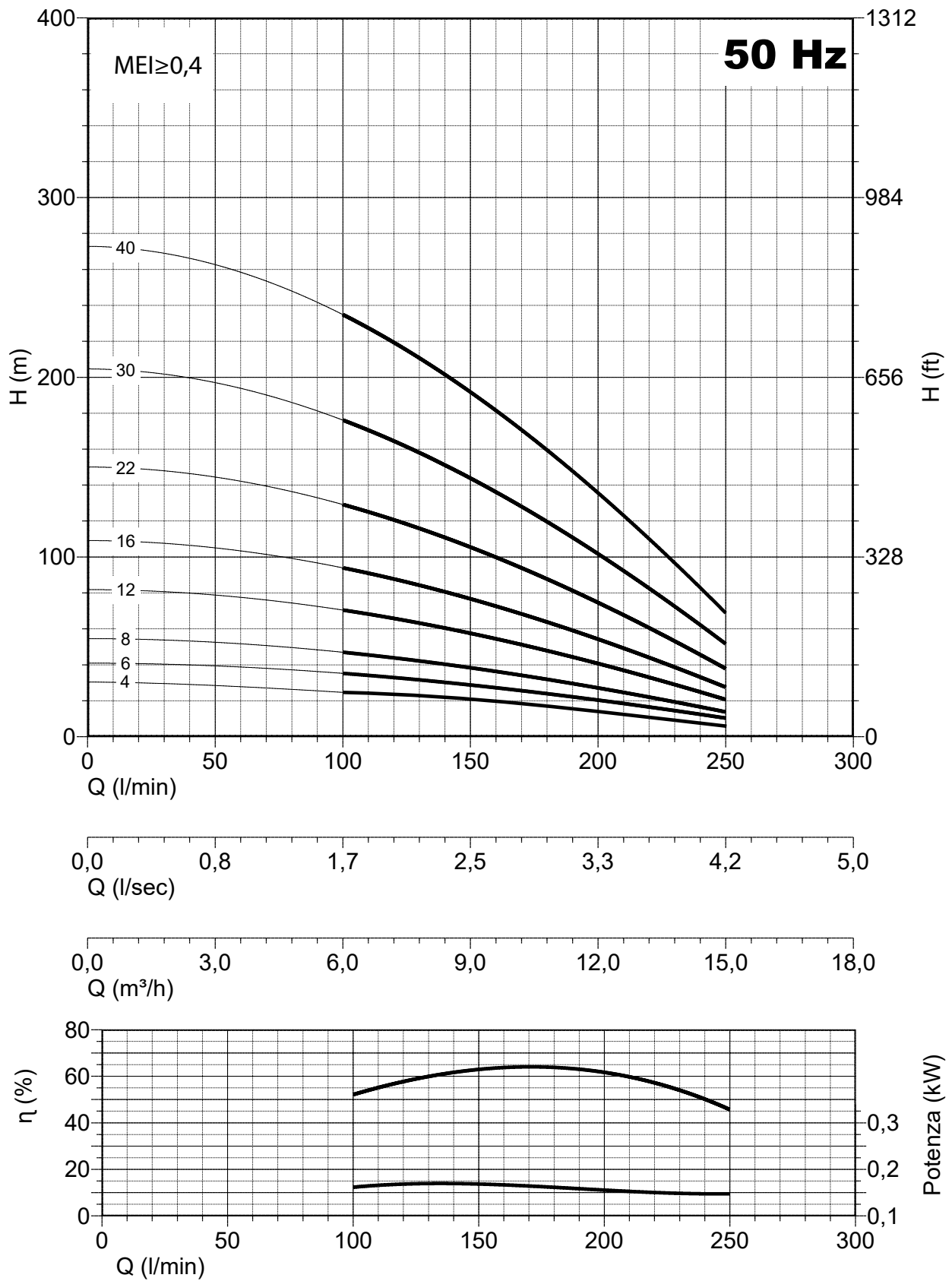
n% = Rendimento della pompa  
 n% = Rendement de la pompe  
 n% = Pump efficiency  
 n% = Rendimiento de la bomba

**Max  
65%**

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

**Max  
0,186**

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



NPSH (m)	25%	50%	75%	100%
95 PR 10 95 PRX 10	2,2	2,2	3	4,8

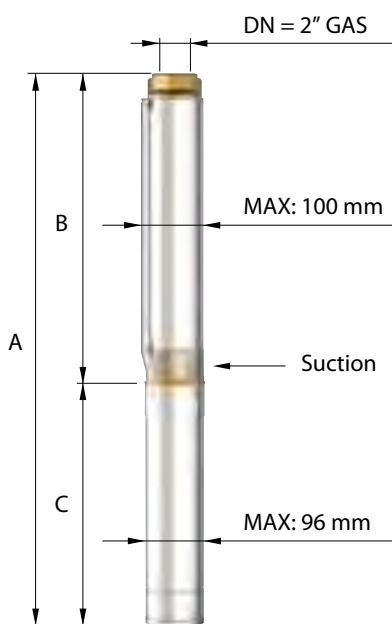
**CARATTERISTICHE IDRAULICHE - HYDRAULIC PERFORMANCES**

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

Tipo Type	Power		V230 Single Phase		V400 Three Phase	H(m)	0	100	150	200	250	300			
	kW	HP	A	µF	A		l/min	l/sec	m <sup>3</sup> /h	0	1,67	2,50	3,33	4,17	5,00
							0	6	9	12	15	18			
95 PR12 N/04	0,75	1	6,5	30	2,2	28	23	20	15	9	2				
95 PR12 N/05	1,1	1,5	9,4	40	3	35	29	25	19	12	3				
95 PR12 N/07	1,5	2	11,5	50	4	49	40	35	27	16	4				
95 PR12 N/11	2,2	3	14,7	75	5,7	77	63	54	42	25	6				
95 PR12 N/15	3	4	-	-	7,4	105	87	74	58	35	8				
95 PR12 N/20	4	5,5	-	-	10	140	115	99	77	46	10				
95 PR12 N/27	5,5	7,5	-	-	13,5	189	156	134	104	62	14				
95 PR12 N/37	7,5	10	-	-	18	259	213	183	143	85	19				

**DIMENSIONI D'INGOMBRO E PESI - OVERALL DIMENSIONS AND WEIGHTS**

Type	A mm Single Phase V 230	A mm Three Phase V 400	B mm	C mm Single Phase V 230	C mm Three Phase V 400	M Kg Single Phase	M Kg Three Phase	P Kg
95 PR12 N/04	766	736	374	392	362	12	12	4
95 PR12 N/05	807	777	415	392	362	12	12	4
95 PR12 N/07	919	889	497	422	392	13	13	5
95 PR12 N/11	1128	1113	661	467	452	15	15	6
95 PR12 N/15	-	1382	825	-	557	-	19	8
95 PR12 N/20	-	1627	1030	-	597	-	22	10
95 PR12 N/27	-	2015	1317	-	698	-	27	13
95 PR12 N/37	-	2545	1727	-	818	-	37	17



**Versioni disponibili**  
**Available versions**  
**Versions disponibles**  
**Versiones disponibles**



**95 PR**  
 Gabbia di aspirazione  
 e mandata in ottone  
*Suction cage and  
 delivery bowl in brass*



**95 PRX**  
 Gabbia di aspirazione  
 e mandata in AISI 304  
 microfuso  
*Suction cage and  
 delivery bowl  
 in AISI 304 casted*

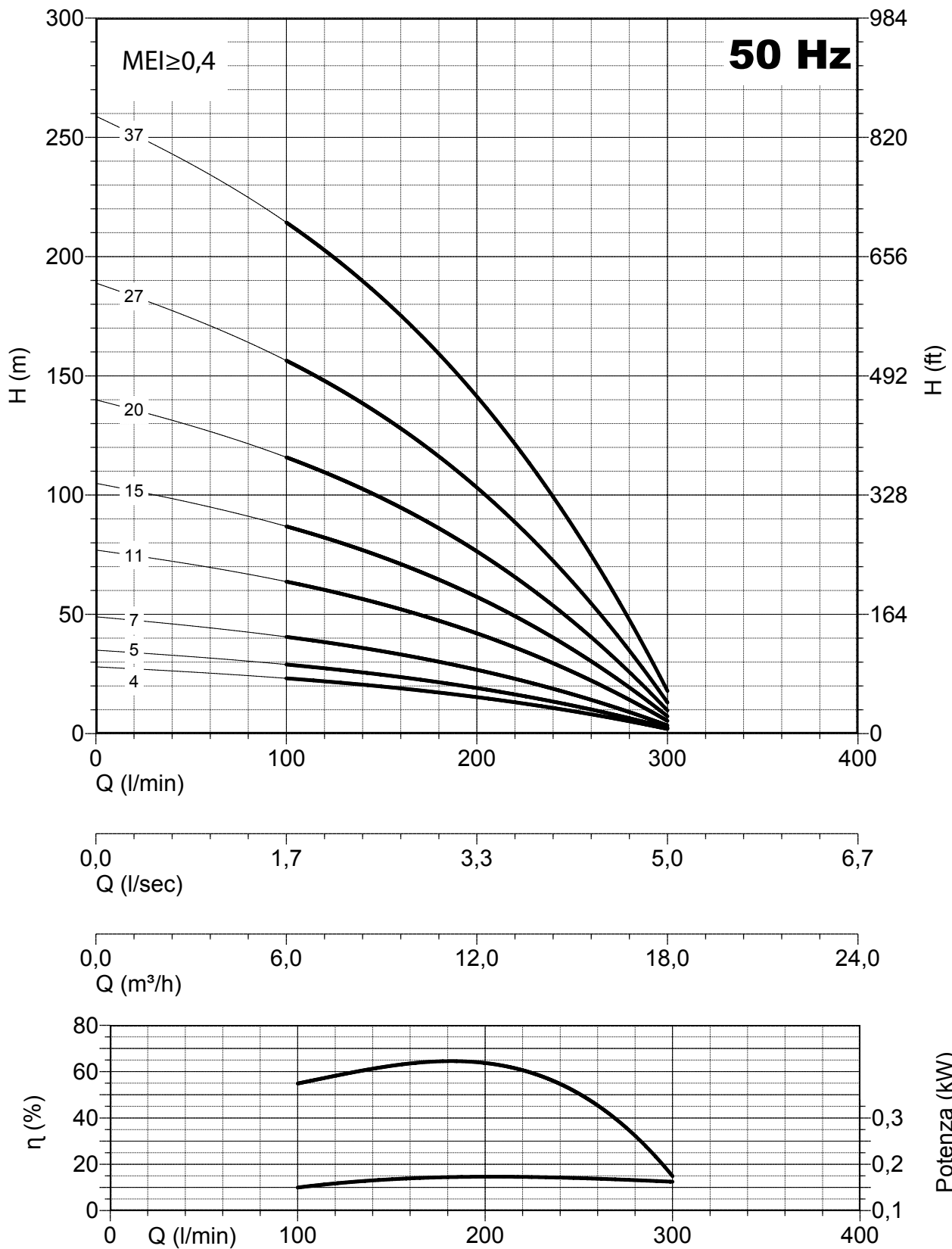
n% = Rendimento della pompa  
 n% = Rendement de la pompe  
 n% = Pump efficiency  
 n% = Rendimiento de la bomba

**Max  
65%**

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

**Max  
0,20**

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



NPSH (m)	25%	50%	75%	100%
95 PR 12 95 PRX 12	2,2	2,2	3	4,8