

SUBWATER IS NOTHING WITHOUT PRESSION



RADIALI

PANELLI®

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

RADIALI, RADIAL IMPELLER.

6"

8"

10"

RADIALI



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



ELETTROPOMPE SOMMERSE RADIALI (6" - 8" - 10")

►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 per diametri di pozzo da 6" a 10".

MATERIALI ►I materiali di esecuzione standard sono: ►Girante in Ottone (6") e in Ghisa Meccanica G25 (8"-10") ►Diffusore in Ottone (6") e in ghisa meccanica G25 (8"-10") ►Elemento in ghisa meccanica G25 ►Tiranti di bloccaggio in Acciaio INOX AISI 304 ►Mandata e gabbia di 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 1800 l/min (108 m³/h) ►Prevalenze fino a 700 m ►Potenze fino a 150 HP (110 kW)

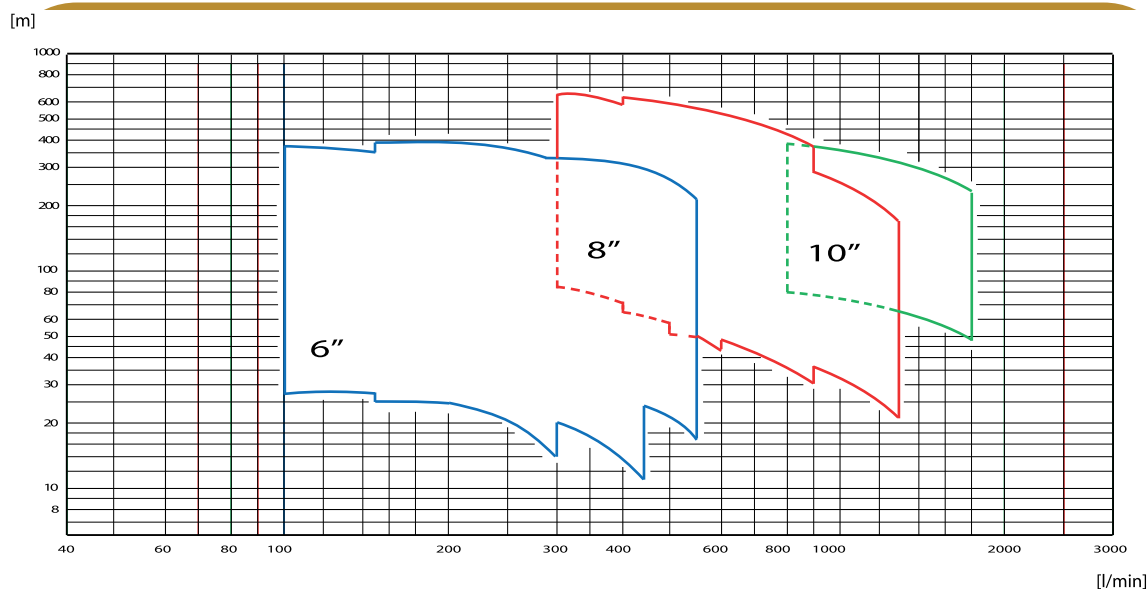


RADIAL ELECTRIC SUBMERSIBLE PUMPS (6" - 8" - 10")

►The radial pumps have a very limited axial dimensions of every stage (impeller, diffuser, diffuser over). For this reason the radial solution allows to use a lot of stages and to obtain, with the same well diameter, high head with small and medium capacity. Panelli production offer standard radial pumps from 4" to 10" well diameter.

MATERIALS ►The materials of standard execution are: ►Impeller in Brass (6") and in Mechanical Cast Iron G25 (8"-10") ►Diffuser in Brass (6") and in Mechanical Cast Iron G25 (8"-10") ►Intermediate bowl in Mechanical Cast Iron G25 ►Tie rod in Stainless Steel AISI 304 ►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 1800 l/min (108 m³/h) ►Manometric head up to 700 m ►Power up to 150 HP (110 kW)



RADIALI

6" 8" 10"



ELECTROPOMPES IMMERGEES RADIALES (6" - 8" - 10")

➤ Les électropompes immergées radiales sont caractérisées de stades (corp, roue et diffuseur) de limité encombrement axial. Propre pour ce motif, la solution radiale permet l'utilisation d'un élevé numéro de stades, qui a pour conséquence celle d'obtenir, avec le même diamètre, hauteurs beaucoup poussées avec petits et medium débits. La production PANELLI prévoit de série pompes radiales pour puits de diamètre de 6" à 10".

MATERIAUX ➤ Les matériaux d'exécution standard sont: ➤ Roue en laiton (6") et en fonte mécanique G25 (8"-10") ➤ Diffuseur en laiton (6") et en fonte mécanique G25 (8"-10") ➤ Element en fonte mécanique G25 ➤ Tirants de blocage en Acier inox AISI 304 ➤ Refoulement et aspiration en fonte mécanique G25 ➤ Clapet de retenue incorporé ➤ **En outre, en plus aux matériaux de la construction de série, les pompes peuvent être fournies en n'importe quel type de matériel demandé pour applications particuliers.**

CHAMPS DE PERFORMANCES ➤ Débit jusqu'à 1800 l/min (108 m³/h) ➤ Hauteur manométrique jusqu'à 700 m ➤ Puissances jusqu'à 150 HP (110 kW)



ELECTROBOMBAS SUMERGIDAS RADIALES (6" - 8" - 10")

➤ Las electrobombas sumergidas radiales son características 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 número de fases, que tiene por consecuencia la de obtener con el mismo diámetro, alturas muy elevadas con pequeños y medianos caudales. La producción Panelli dispone de serie bombas radiales para diámetros de 8" y 10".

MATERIALES ➤ Los materiales en ejecución standard son: ➤ Rodete en bronce (6") y en fundición G25 (8"-10") ➤ Difusor en bronce (6") y en fundición G25 (8"-10") ➤ Cuerpo intermedio en fundición G25 ➤ Tirante en Acero Inoxidable AISI 304 ➤ Cuerpo DE ASPIRACION E IMPULSION en fundición G25 ➤ Válvula de retención incorporada. **Bajo demanda, las bombas se pueden fabricar en cualquier tipo de material (Bronce B10, fundición Acero Inoxidable por microfundición).**

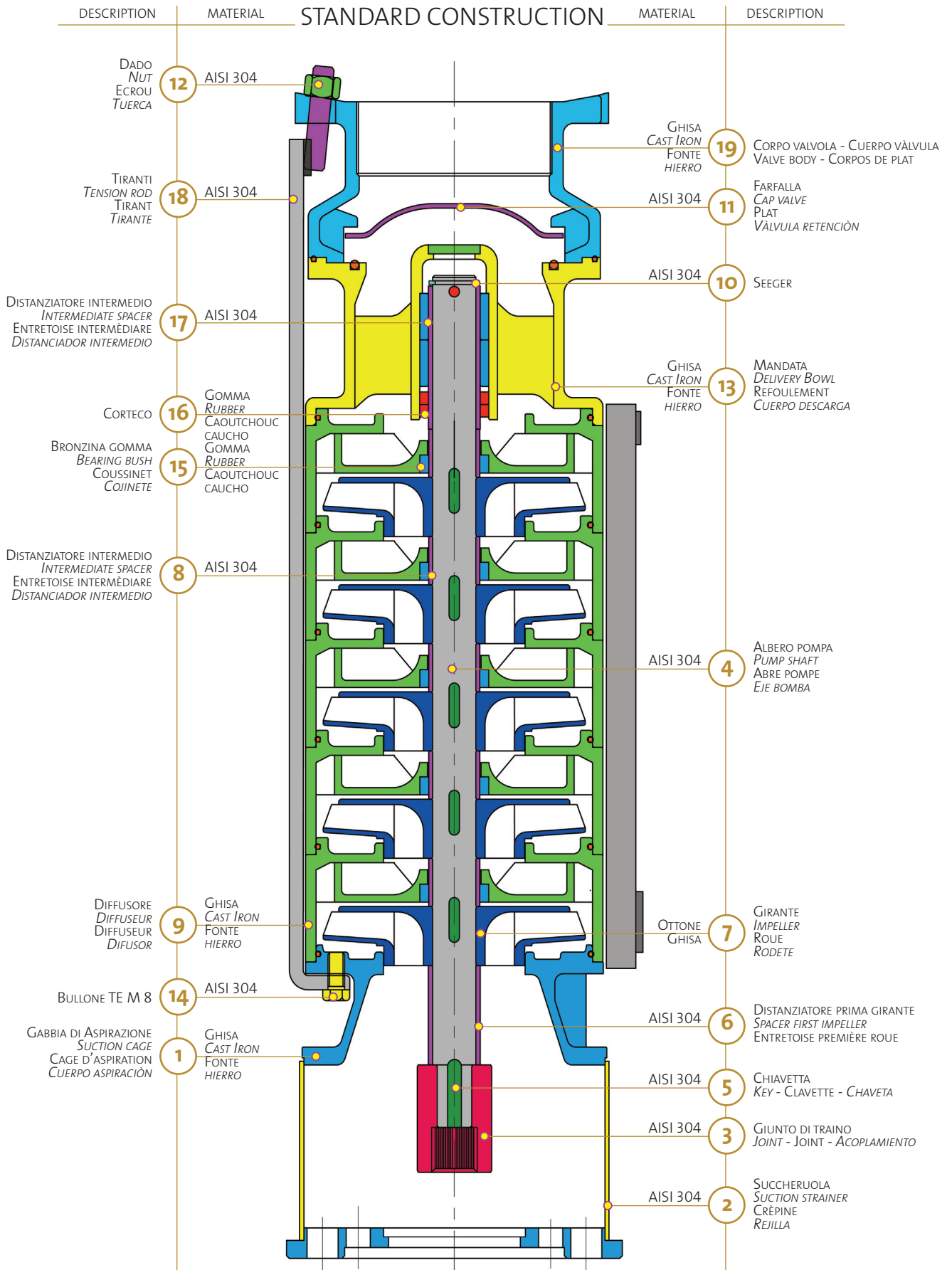
CAMPOS DE TRABAJO ➤ Caudal hasta 1800 l/min (108 m³/h) ➤ Altura manométrica hasta 700 m ➤ Potencias hasta 150 HP (110 kW)



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6" 8" 10"

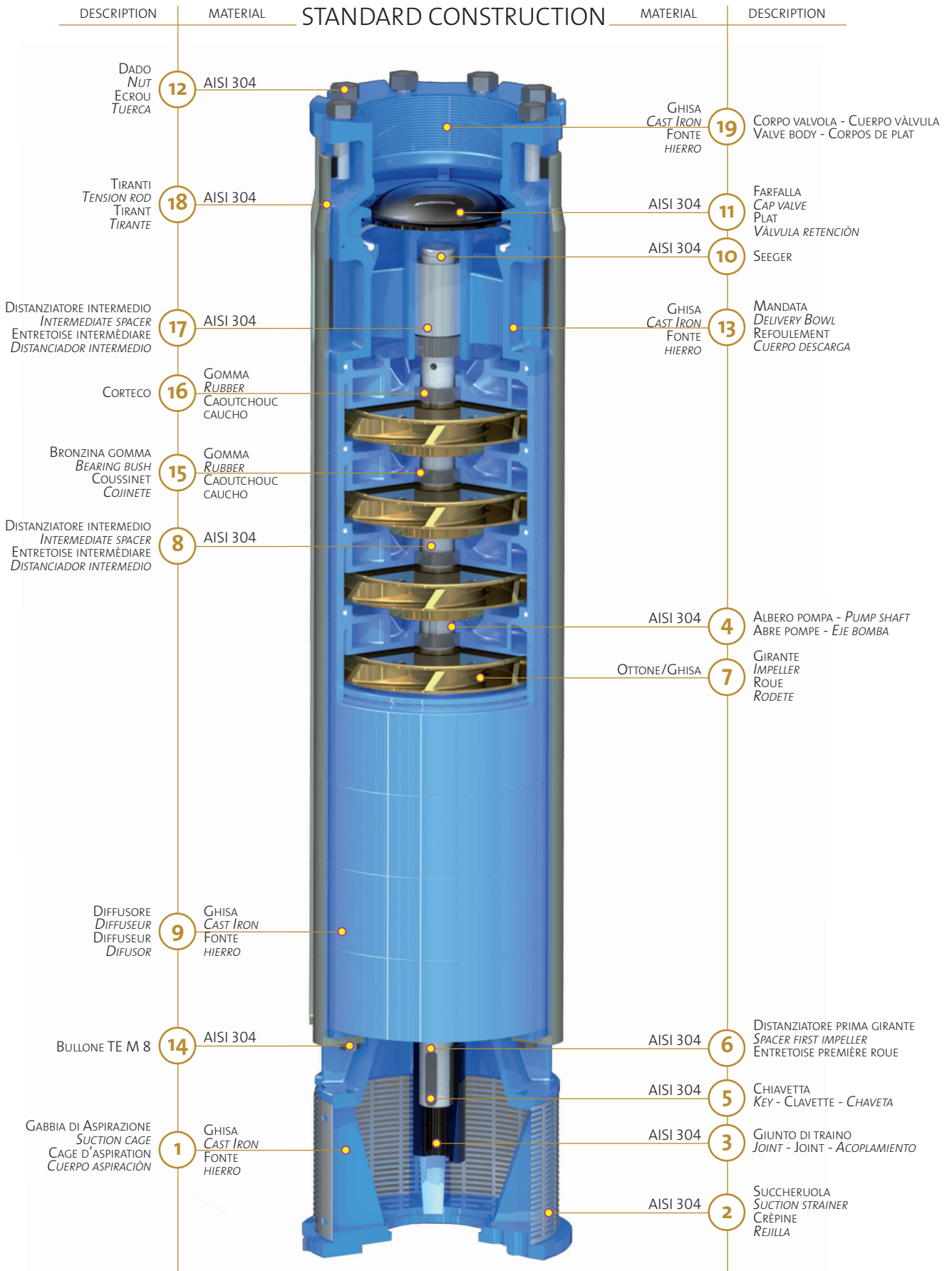
CE Tolleranze secondo
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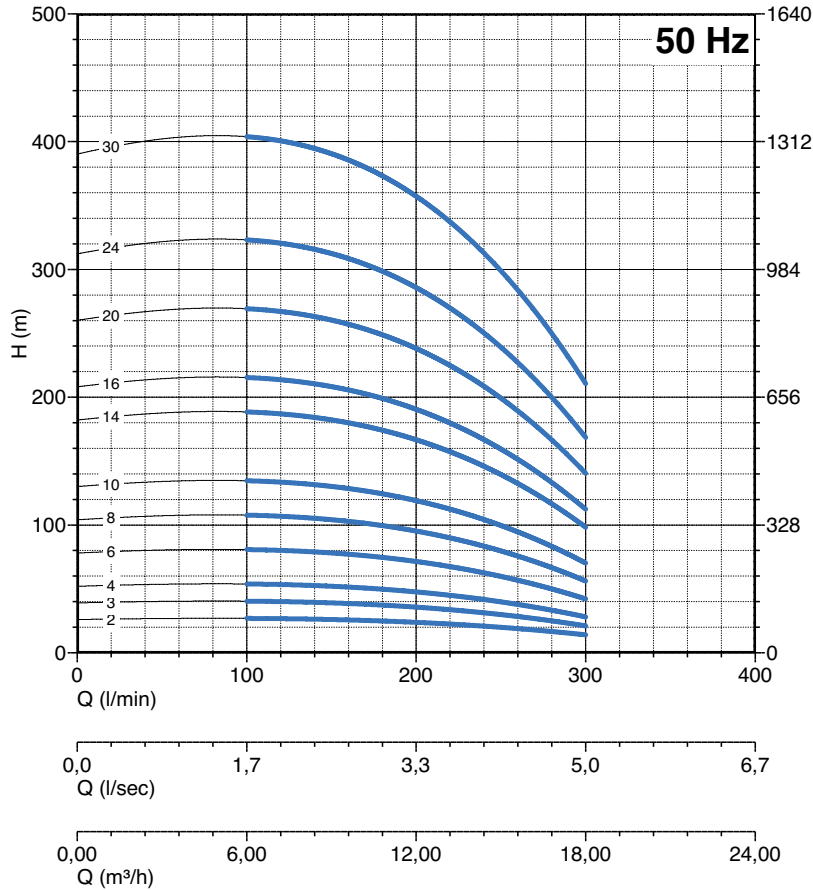
6" 8" 10"

CE Tolleranze secondo
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140 RCD 6"

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



H = Prevalenza totale. **Da 14 a 405 m**
Q = Portata. **Da 100 a 300 l/min**
η% = Rendimento della pompa. **Max 72,0 %**
kw/st = Assorbim. per stadio. **Max 0,68**
Massimo contenuto di sabbia. **50 g/m³**
S = Battente minimo (m) **Max 1**



H = Total head. **From 14 to 405 m**
Q = Capacity. **From 100 to 300 l/min**
η% = Pump efficiency. **Max 72,0 %**
kw/st = Stage absorption. **Max 0,68**
Maximum sand content **50 g/m³**
S = Minimum head (m) **Max 1**

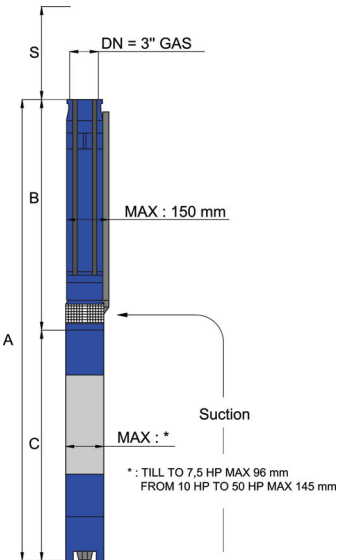
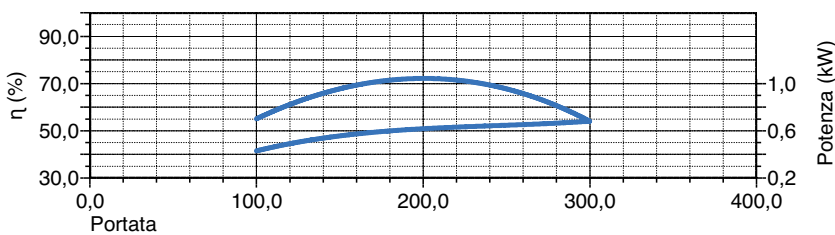


H = hauteur manométrique. **From 14 to 405 m**
Q = Débit. **From 100 to 300 l/min**
η% = Rendement de la pompe. **Max 72,0 %**
kw/st = Absorption par étage. **Max 0,68**
Contenu maximal de sable. **50 g/m³**
S = Niveau minimal (m). **Max 1**



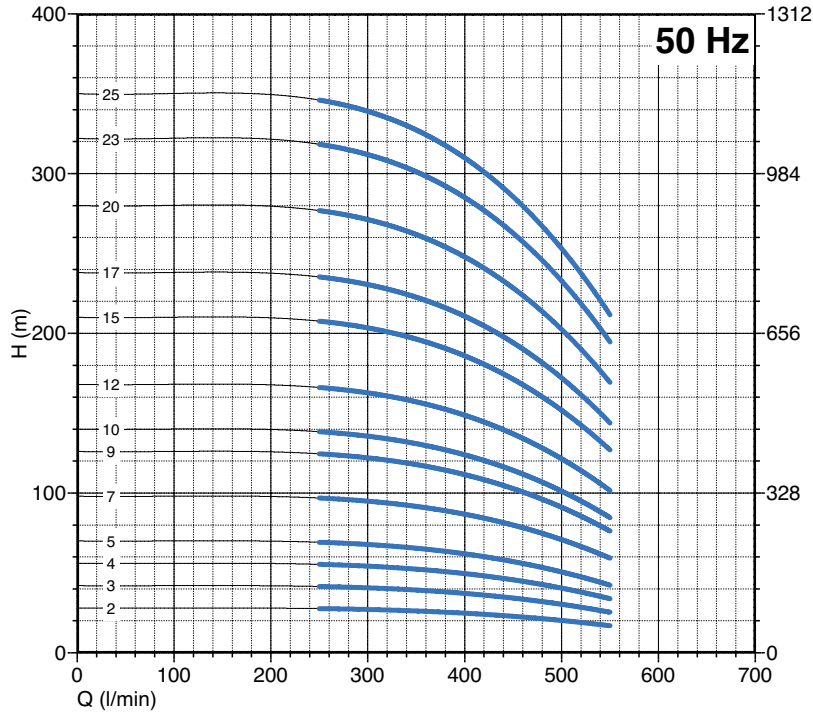
H = Altura manométrica. **Da 14 a 405 m**
Q = Caudal. **De 100 a 300 l/min**
η% = Rendimiento de la bomba. **Max 72,0 %**
kw/st = Potencia absorbida por etapa. **Max 0,68**
Condenito máximo de arena. **50 g/m³**
S = Nivel mínimo (m) **Max 1**

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Motore - Motor - Moteur Caratteristiche a 2900 rpm				Q=Portata - Capacity - Debit									
Tipo - Type	Power		V 400	l/min	0	100	120	150	170	200	250	300	
	kW	HP	A	l/sec	0,00	1,67	2,00	2,50	2,83	3,33	4,17	5,00	
				m³/h	0,0	6,0	7,2	9,0	10,2	12,0	15,0	18,0	
140 RCD/02	1,50	2	3,2	H[m]	26	27	27	26	25	24	20	14	
140 RCD/03	2,20	3	5,5		39	41	40	39	38	36	30	21	
140 RCD/04	3,00	4	6,7		52	54	54	52	50	48	40	28	
140 RCD/06	4,00	5,5	9,8		78	81	80	78	75	72	60	42	
140 RCD/08	5,50	7,5	12,5		104	108	107	104	100	96	80	56	
140 RCD/10	7,50	10	17,5		130	135	134	130	125	120	100	70	
140 RCD/14	9,20	12,5	21		182	189	188	182	175	168	140	98	
140 RCD/16	11,00	15	24,5		208	216	214	208	200	192	160	112	
140 RCD/20	13,00	17,5	28		260	270	268	260	250	240	200	140	
140 RCD/24	15,00	20	32		312	324	322	312	300	288	240	168	
140 RCD/30	18,50	25	40		390	405	402	390	375	360	300	210	

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 RCD/02	790	398	392	13	13
140 RCD/03	889	437	452	15	15
140 RCD/04	1033	476	557	19	17
140 RCD/06	1151	554	597	22	20
140 RCD/08	1330	632	698	27	24
140 RCD/10	1411	710	701	55	28
140 RCD/14	1617	866	751	60	35
140 RCD/16	1755	944	811	65	39
140 RCD/20	1941	1100	841	70	46
140 RCD/24	2187	1256	931	75	53
140 RCD/30	2481	1490	991	83	64



H = Prevalenza totale. **Da 17 a 346 m**
Q = Portata. **Da 250 a 550 l/min**
 $\eta\%$ = Rendimento della pompa. **Max 73,0 %**
kw/st = Assorbim. per stadio. **Max 1,20**
Massimo contenuto di sabbia. **50 g/m³**
S = Battente minimo (m) **Max 1**



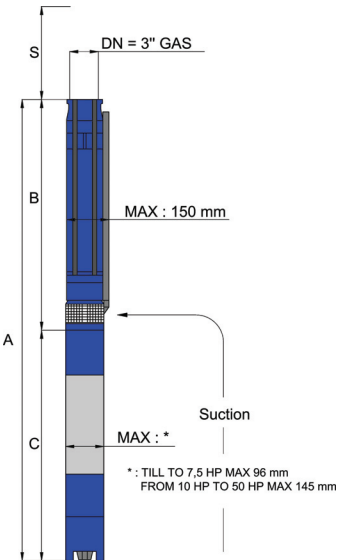
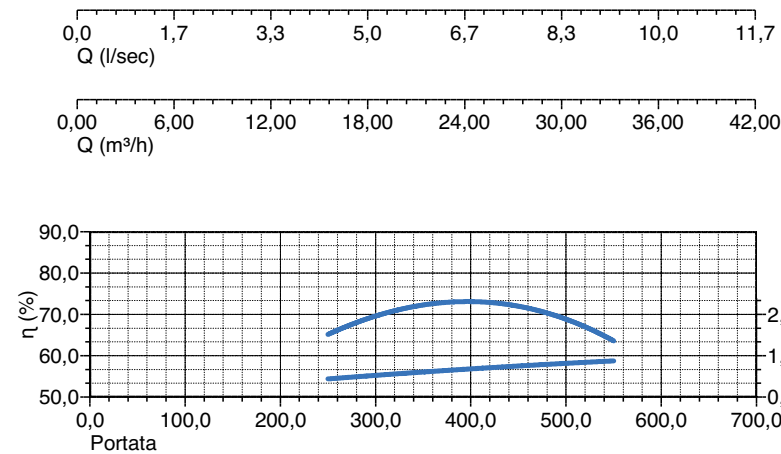
H = Total head. **From 17 to 346 m**
Q = Capacity. **From 250 to 550 l/min**
 $\eta\%$ = Pump efficiency. **Max 73,0 %**
kw/st = Stage absorption. **Max 1,20**
Maximum sand content **50 g/m³**
S = Minimum head (m) **Max 1**



H = hauteur manométrique. **From 17 to 346 m**
Q = Débit. **From 250 to 550 l/min**
 $\eta\%$ = Rendement de la pompe. **Max 73,0 %**
kw/st = Absorption par étage. **Max 1,20**
Contenu maximal de sable. **50 g/m³**
S = Niveau minimal (m). **Max 1**



H = Altura manométrica. **Da 17 a 346 m**
Q = Caudal. **De 250 a 550 l/min**
 $\eta\%$ = Rendimiento de la bomba. **Max 73,0 %**
kw/st = Potencia absorbida por etapa. **Max 1,20**
Condenito máximo de arena. **50 g/m³**
S = Nivel mínimo (m) **Max 1**



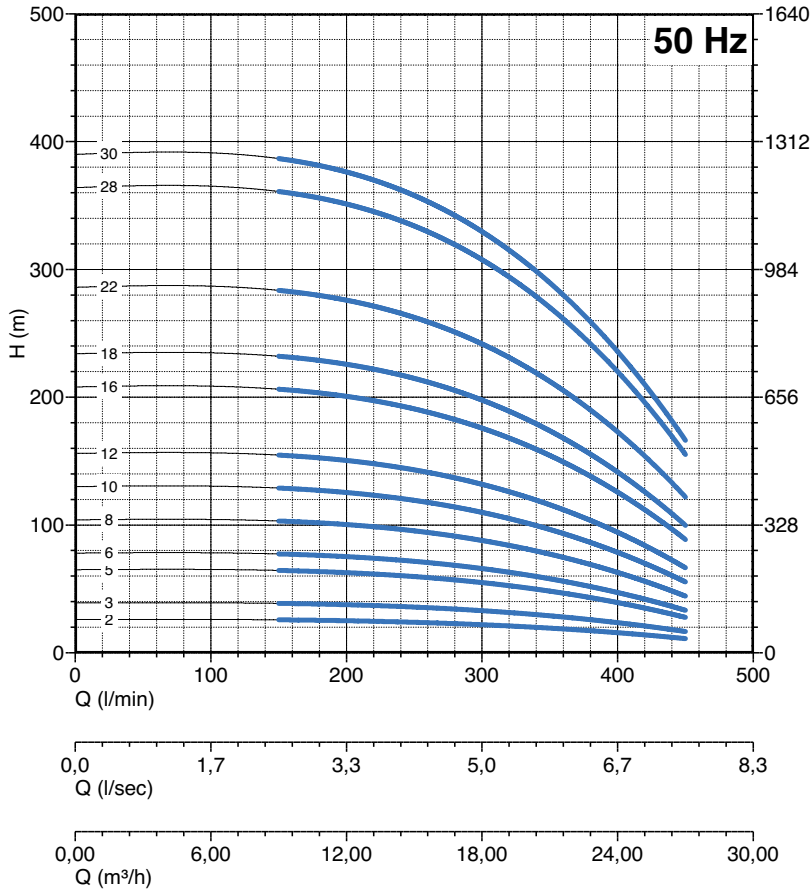
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Motore - Motor - Moteur Caratteristiche a 2900 rpm				Q=Portata - Capacity - Debit								
Tipo - Type	Power		V 400	l/min l/sec m³/h	0	250	300	350	400	450	500	550
	kW	HP	A		0,00	4,17	5,00	5,83	6,67	7,50	8,33	9,17
140 RCE/02	3,00	4	7	H[m]	0,0	15,0	18,0	21,0	24,0	27,0	30,0	33,0
140 RCE/03	4,00	5,5	10		28	28	27	26	25	23	20	17
140 RCE/04	5,50	7,5	12,5		42	42	41	39	38	35	30	26
140 RCE/05	7,50	10	17,5		56	56	54	52	50	46	40	34
140 RCE/07	9,20	12,5	21		70	70	68	65	63	58	50	43
140 RCE/09	11,00	15	24,5		98	97	95	91	88	81	70	60
140 RCE/10	13,00	17,5	28		126	125	122	117	113	104	90	77
140 RCE/12	15,00	20	32		140	139	135	130	125	115	100	85
140 RCE/15	18,50	25	40		168	167	162	156	150	138	120	102
140 RCE/17	22,00	30	47,5		210	209	203	195	188	173	150	128
140 RCE/20	26,00	35	55		238	236	230	221	213	196	170	145
140 RCE/23	30,00	40	62,5		280	278	270	260	250	230	200	170
140 RCE/25	37,00	50	78		322	320	311	299	288	265	230	196
					350	348	338	325	313	288	250	213

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 RCE/02	973	416	557	19	14
140 RCE/03	1061	464	597	22	16
140 RCE/04	1210	512	698	27	18
140 RCE/05	1261	560	701	55	21
140 RCE/07	1407	656	751	60	26
140 RCE/09	1563	752	811	65	30
140 RCE/10	1641	800	841	70	33
140 RCE/12	1827	896	931	75	38
140 RCE/15	2031	1040	991	83	42
140 RCE/17	2207	1136	1071	92	47
140 RCE/20	2461	1280	1181	100	54
140 RCE/23	2675	1424	1251	108	61
140 RCE/25	2861	1520	1341	118	66

140 RCM 6''

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



H = Prevalenza totale. **Da 11 a 387 m**
Q = Portata. **Da 150 a 450 l/min**
 $\eta\%$ = Rendimento della pompa. **Max 71,5 %**
kw/st = Assorbim. per stadio. **Max 0,79**
Massimo contenuto di sabbia. **50 g/m³**
S = Battente minimo (m) **Max 1**



H = Total head. **From 11 to 387 m**
Q = Capacity. **From 150 to 450 l/min**
 $\eta\%$ = Pump efficiency. **Max 71,5 %**
kw/st = Stage absorption. **Max 0,79**
Maximum sand content **50 g/m³**
S = Minimum head (m) **Max 1**

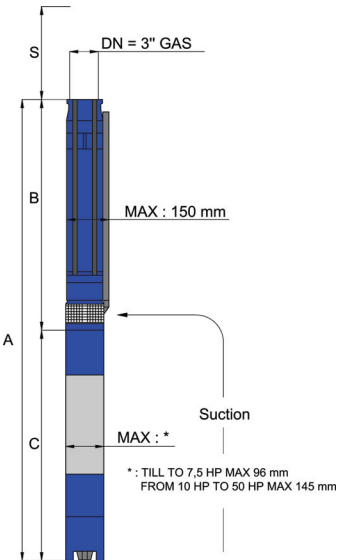
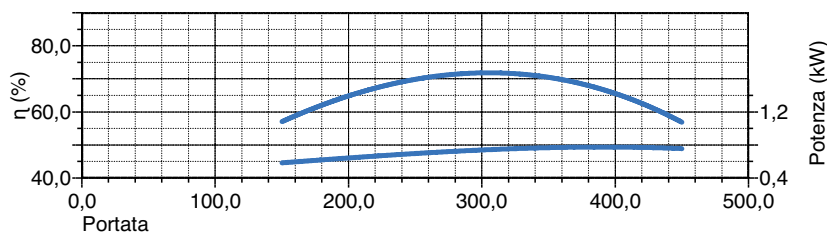


H = hauteur manométrique. **From 11 to 387 m**
Q = Débit. **From 150 to 450 l/min**
 $\eta\%$ = Rendement de la pompe. **Max 71,5 %**
kw/st = Absorption par étage. **Max 0,79**
Contenu maximal de sable. **50 g/m³**
S = Niveau minimal (m). **Max 1**



H = Altura manométrica. **Da 11 a 387 m**
Q = Caudal. **De 150 a 450 l/min**
 $\eta\%$ = Rendimiento de la bomba. **Max 71,5 %**
kw/st = Potencia absorbida por etapa. **Max 0,79**
Condenito máximo de arena. **50 g/m³**
S = Nivel mínimo (m) **Max 1**

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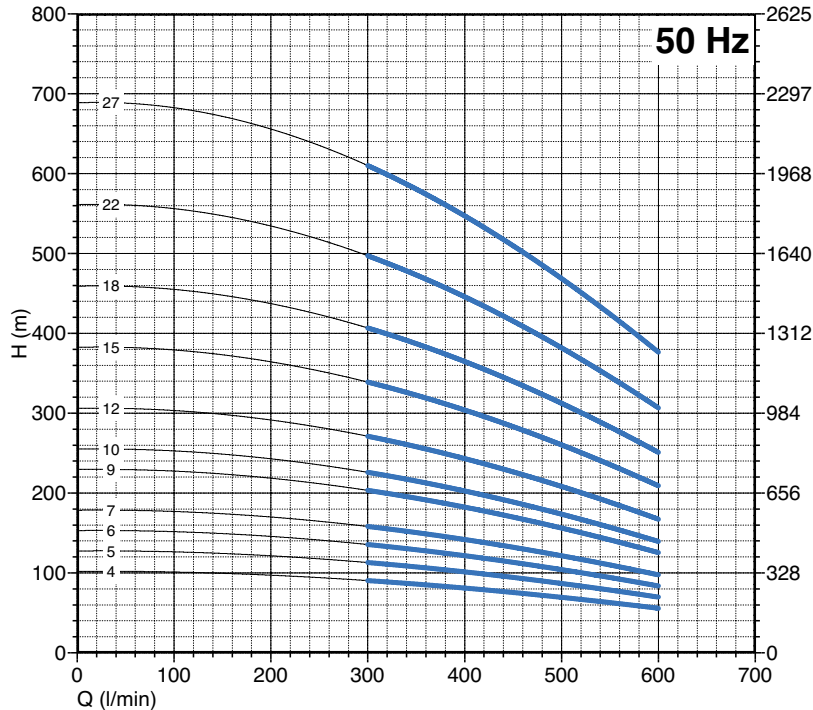


Tipo - Type	Motore - Motor - Moteur Caratteristiche a 2900 rpm			Q=Portata - Capacity - Debit								
	Power		V	l/min	0	150	200	250	300	350	400	450
	kW	HP	400	l/sec	0,00	2,50	3,33	4,17	5,00	5,83	6,67	7,50
140 RCM/02	2,20	3	5,5	m³/h	0,0	9,0	12,0	15,0	18,0	21,0	24,0	27,0
140 RCM/03	3,00	4	6,7	H[m]	26	26	25	24	22	19	16	11
140 RCM/05	4,00	5,5	10		39	39	38	36	33	29	24	17
140 RCM/06	5,50	7,5	12,5		65	65	63	60	55	48	40	28
140 RCM/08	7,50	10	17,5		78	77	75	72	66	57	48	33
140 RCM/10	9,20	12,5	21		104	103	100	96	88	76	64	44
140 RCM/12	11,00	15	24		130	129	125	120	110	95	80	55
140 RCM/16	13,00	17,5	28		156	155	150	144	132	114	96	66
140 RCM/18	15,00	20	32		208	206	200	192	176	152	128	88
140 RCM/22	18,50	25	40		234	232	225	216	198	171	144	99
140 RCM/28	22,00	30	47,5		286	284	275	264	242	209	176	121
140 RCM/30	26,00	35	55		364	361	350	336	308	266	224	154
					390	387	375	360	330	285	240	165

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 RCM/02	850	398	452	15	13
140 RCM/03	994	437	557	19	15
140 RCM/05	1112	515	597	22	18
140 RCM/06	1252	554	698	27	20
140 RCM/08	1333	632	701	55	24
140 RCM/10	1461	710	751	60	28
140 RCM/12	1599	788	811	65	31
140 RCM/16	1785	944	841	70	39
140 RCM/18	1953	1022	931	75	42
140 RCM/22	2169	1178	991	83	50
140 RCM/28	2483	1412	1071	92	61
140 RCM/30	2671	1490	1181	100	64

180 R27 8"

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



H = Prevalenza totale. **Da 56 a 614 m**
Q = Portata. **Da 300 a 600 l/min**
 $\eta\%$ = 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**



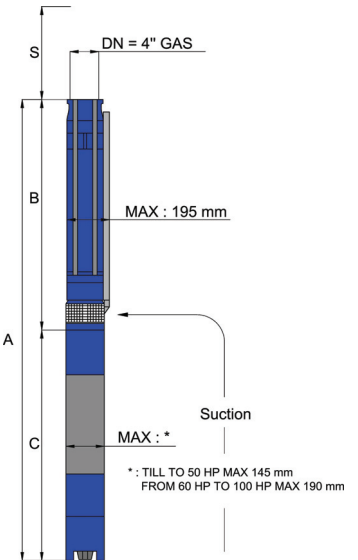
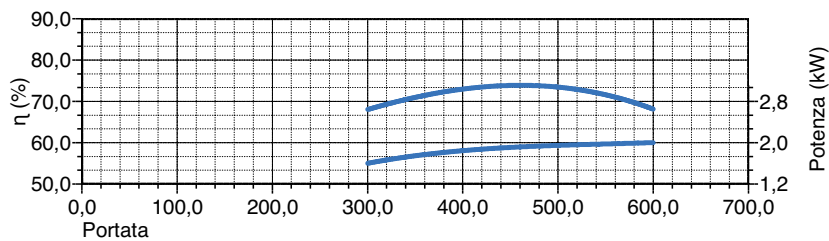
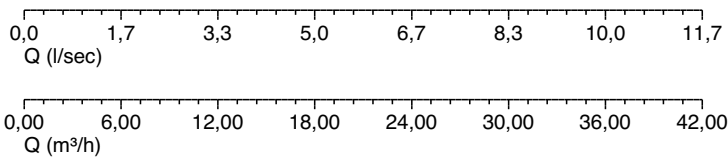
H = Total head. **From 56 to 614 m**
Q = Capacity. **From 300 to 600 l/min**
 $\eta\%$ = Pump efficiency. **Max 74,0 %**
kw/st = Stage absorption. **Max 2,00**
Maximum sand content **50 g/m³**
S = Minimum head (m) **Max 1**



H = hauteur manométrique. **From 56 to 614 m**
Q = Débit. **From 300 to 600 l/min**
 $\eta\%$ = 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**
 $\eta\%$ = Rendimiento de la bomba. **Max 74,0 %**
kw/st = Potencia absorbida por etapa. **Max 2,00**
Condenito máximo de arena. **50 g/m³**
S = Nivel mínimo (m) **Max 1**



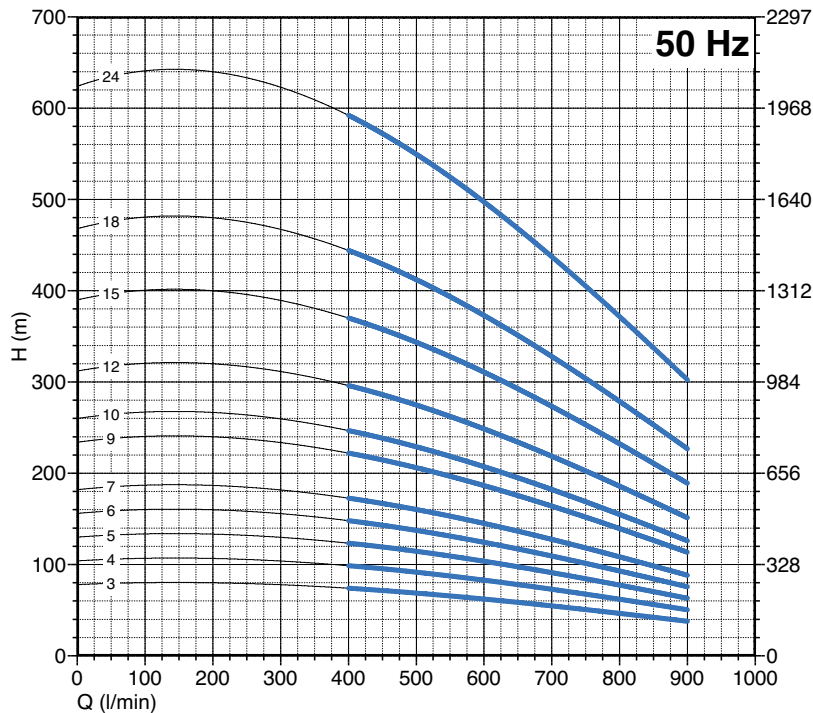
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Motore - Motor - Moteur Caratteristiche a 2900 rpm				Q=Portata - Capacity - Debit								
Tipo - Type	Power		V 400	l/min	0	300	350	400	450	500	550	600
	kW	HP	A	l/sec	0,00	5,00	5,83	6,67	7,50	8,33	9,17	10,00
				m³/h	0,0	18,0	21,0	24,0	27,0	30,0	33,0	36,0
180 R27 N/04	9,20	12,5	21	H[m]	102	91	85	81	76	70	62	56
180 R27 N/05	11,00	15	24,5		128	114	106	101	95	88	78	70
180 R27 N/06	13,00	17,5	28		153	137	128	122	114	105	93	84
180 R27 N/07	15,00	20	32		179	159	149	142	133	123	109	98
180 R27 N/09	18,50	25	40		230	205	191	182	171	158	140	126
180 R27 N/10	22,00	30	47,5		255	228	213	203	190	175	155	140
180 R27 N/12	26,00	35	55		306	273	255	243	228	210	186	168
180 R27 N/15	30,00	40	62,5		383	341	319	304	285	263	233	210
180 R27 N/18	37,00	50	78		459	410	383	365	342	315	279	252
180 R27 N/22	44,00	60	92		561	501	468	446	418	385	341	308
180 R27 N/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 R27 N/04	1307	556	751	60	54
180 R27 N/05	1417	606	811	65	60
180 R27 N/06	1497	656	841	70	66
180 R27 N/07	1637	706	931	75	72
180 R27 N/09	1797	806	991	83	84
180 R27 N/10	1927	856	1071	92	96
180 R27 N/12	2137	956	1181	100	108
180 R27 N/15	2357	1106	1251	108	120
180 R27 N/18	2597	1256	1341	118	144
180 R27 N/22	2766	1456	1310	200	168
180 R27 N/27	3166	1706	1460	216	192

180 R36 8"

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



H = Prevalenza totale. **Da 38 a 590 m**
Q = Portata. **Da 400 a 900 l/min**
 $\eta\%$ = 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 590 m**
Q = Capacity. **From 400 to 900 l/min**
 $\eta\%$ = Pump efficiency. **Max 75,0 %**
kw/st = Stage absorption. **Max 2,90**
Maximum sand content **50 g/m³**
S = Minimum head (m) **Max 1**

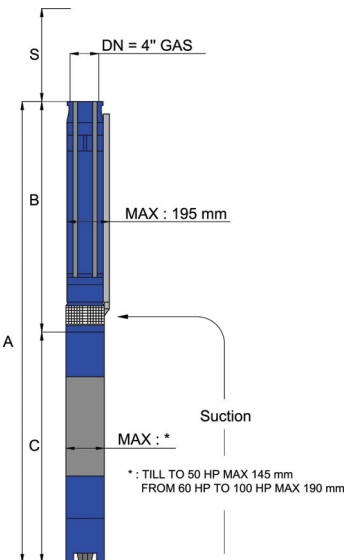
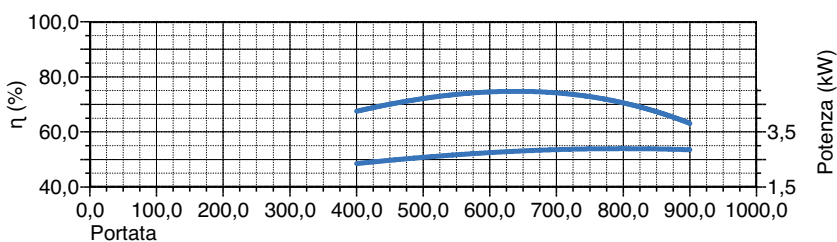
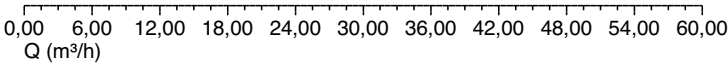
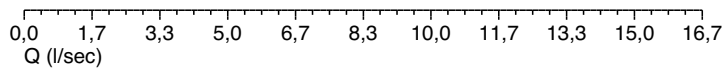


H = hauteur manométrique. **From 38 to 590 m**
Q = Débit. **From 400 to 900 l/min**
 $\eta\%$ = Rendement de la pompe. **Max 75,0 %**
kw/st = Absorption par étage. **Max 2,90**
Contenu maximal de sable. **50 g/m³**
S = Niveau minimal (m). **Max 1**



H = Altura manométrica. **Da 38 a 590 m**
Q = Caudal. **De 400 a 900 l/min**
 $\eta\%$ = Rendimiento de la bomba. **Max 75,0 %**
kw/st = Potencia absorbida por etapa. **Max 2,90**
Condenito máximo de arena. **50 g/m³**
S = Nivel mínimo (m) **Max 1**

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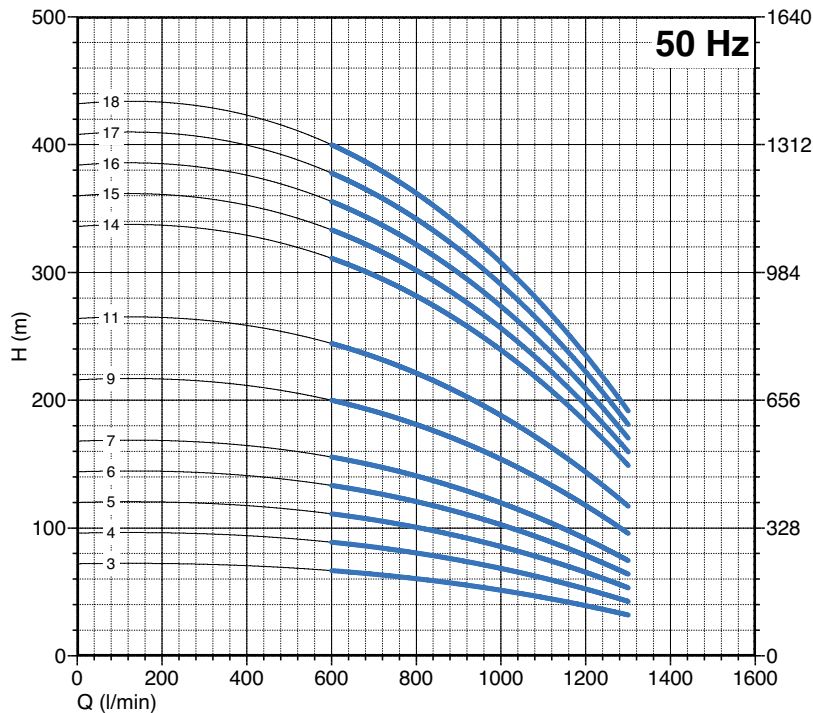


Tipo - Type	Motore - Motor - Moteur Caratteristiche a 2900 rpm			Q=Portata - Capacity - Debit							
	Power		V 400	l/min	0	400	500	600	700	800	900
	kW	HP	A	l/sec	0,00	6,67	8,33	10,00	11,67	13,33	15,00
180 R36 N/03	9,20	12,5	21	m³/h	0,0	24,0	30,0	36,0	42,0	48,0	54,0
180 R36 N/04	13,00	17,5	28	H[m]	78	74	69	62	55	46	38
180 R36 N/05	15,00	20	32		104	98	92	83	73	61	51
180 R36 N/06	18,50	25	40		130	123	115	103	92	77	63
180 R36 N/07	22,00	30	47,5		156	148	138	124	110	92	76
180 R36 N/09	26,00	35	55		182	172	161	145	128	107	89
180 R36 N/10	30,00	40	62,5		234	221	207	186	165	138	114
180 R36 N/12	37,00	50	78		260	246	230	207	183	153	127
180 R36 N/15	44,00	60	92		312	295	276	248	220	184	152
180 R36 N/18	55,00	75	113,5		390	369	345	310	275	230	190
180 R36 N/24	75,00	100	149,5		468	443	414	372	330	276	228
					624	590	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 R36 N/03	1257	506	751	60	42
180 R36 N/04	1397	556	841	70	48
180 R36 N/05	1537	606	931	75	54
180 R36 N/06	1647	656	991	83	60
180 R36 N/07	1777	706	1071	92	66
180 R36 N/09	1987	806	1181	100	78
180 R36 N/10	2107	856	1251	108	84
180 R36 N/12	2297	956	1341	118	96
180 R36 N/15	2416	1106	1310	200	114
180 R36 N/18	2716	1256	1460	216	132
180 R36 N/24	3266	1556	1710	286	168

180 R50 8"

CE Tolleranze secondo - Tolerance 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**
 $\eta\%$ = 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**



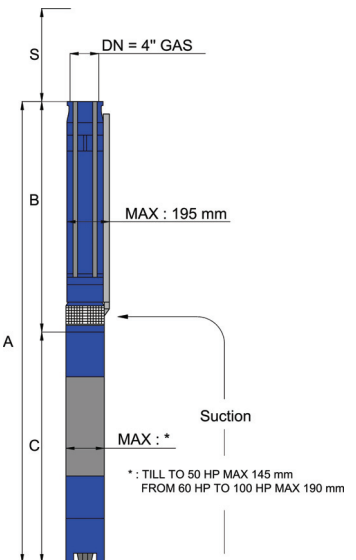
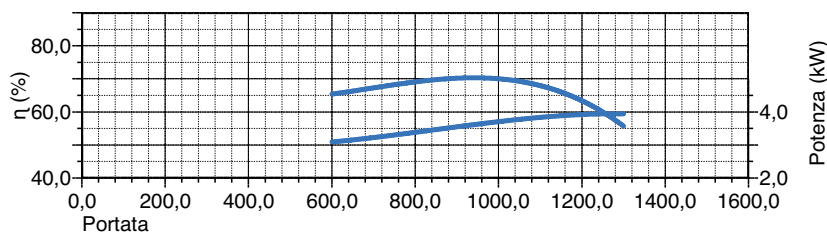
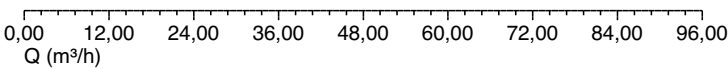
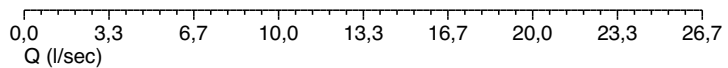
H = Total head. **From 32 to 396 m**
Q = Capacity. **From 600 to 1300 l/min**
 $\eta\%$ = Pump efficiency. **Max 70,5 %**
kw/st = Stage absorption. **Max 3,95**
Maximum sand content **50 g/m³**
S = Minimum head (m) **Max 1**



H = hauteur manométrique. **From 32 to 396 m**
Q = Débit. **From 600 to 1300 l/min**
 $\eta\%$ = 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**
 $\eta\%$ = Rendimiento de la bomba. **Max 70,5 %**
kw/st = Potencia absorbida por etapa. **Max 3,95**
Condenito máximo de arena. **50 g/m³**
S = Nivel mínimo (m) **Max 1**



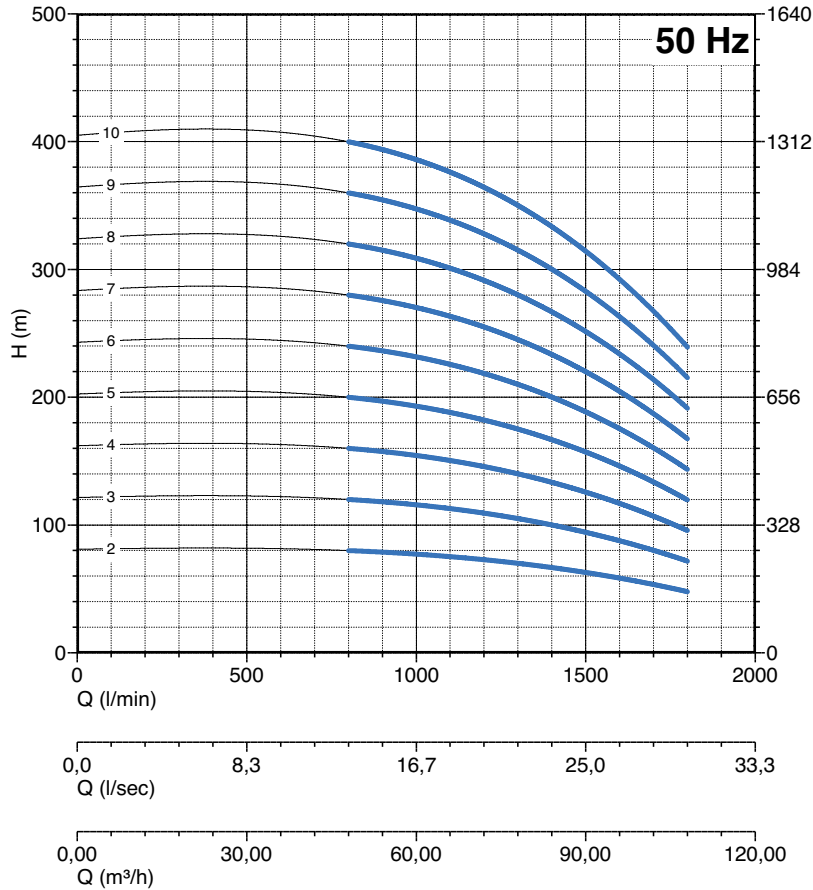
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Motore - Motor - Moteur Caratteristiche a 2900 rpm				Q=Portata - Capacity - Debit									
Tipo - Type	Power		V 400	l/min	0	600	700	800	900	1000	1100	1200	1300
	kW	HP	A	l/sec	0,00	10,00	11,67	13,33	15,00	16,67	18,33	20,00	21,67
				m³/h	0,0	36,0	42,0	48,0	54,0	60,0	66,0	72,0	78,0
180 R50 N/03	13,00	17,5	28	H[m]	72	66	65	60	56	51	46	39	32
180 R50 N/04	18,50	25	40		96	88	87	80	75	68	61	52	43
180 R50 N/05	22,00	30	47,5		120	110	108	100	93	85	77	65	53
180 R50 N/06	26,00	35	55		144	132	130	120	112	102	92	78	64
180 R50 N/07	30,00	40	62,5		168	154	152	140	131	119	107	91	75
180 R50 N/09	37,00	50	78		216	198	195	180	168	153	138	117	96
180 R50 N/11	44,00	60	92		264	242	238	220	205	187	169	143	117
180 R50 N/14	55,00	75	113,5		336	308	303	280	261	238	215	182	149
180 R50 N/15	66,00	90	134,5		360	330	325	300	280	255	230	195	160
180 R50 N/16	66,00	90	134,5		384	352	347	320	299	272	245	208	171
180 R50 N/17	75,00	100	149,5		408	374	368	340	317	289	261	221	181
180 R50 N/18	75,00	100	149,5		432	396	390	360	336	306	276	234	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
180 R50 N/03	1377	536	841	70	42
180 R50 N/04	1587	596	991	83	48
180 R50 N/05	1727	656	1071	92	54
180 R50 N/06	1897	716	1181	100	60
180 R50 N/07	2027	776	1251	108	66
180 R50 N/09	2237	896	1341	118	78
180 R50 N/11	2326	1016	1310	200	90
180 R50 N/14	2656	1196	1460	216	108
180 R50 N/15	2866	1256	1610	260	114
180 R50 N/16	2926	1316	1610	260	120
180 R50 N/17	3086	1376	1710	286	126
180 R50 N/18	3146	1436	1710	286	132

230 RCA 10"

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



H = Prevalenza totale. **Da 48 a 400 m**
Q = Portata. **Da 800 a 1800 l/min**
 $\eta\%$ = Rendimento della pompa. **Max 74,0 %**
kw/st = Assorbim. per stadio. **Max 11,20**
Massimo contenuto di sabbia. **50 g/m³**
S = Battente minimo (m) **Max 1**



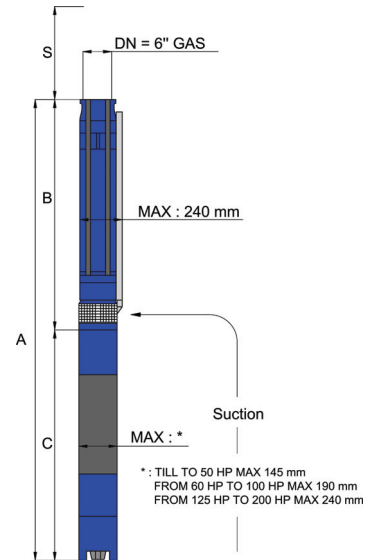
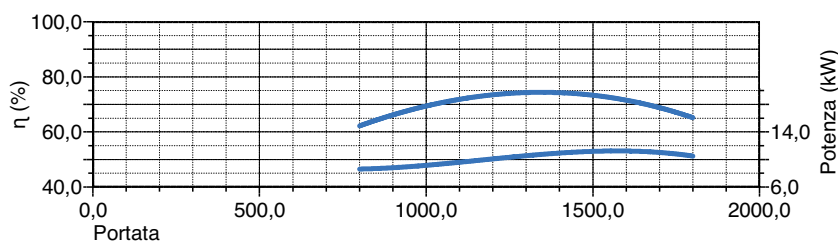
H = Total head. **From 48 to 400 m**
Q = Capacity. **From 800 to 1800 l/min**
 $\eta\%$ = Pump efficiency. **Max 74,0 %**
kw/st = Stage absorption. **Max 11,20**
Maximum sand content **50 g/m³**
S = Minimum head (m) **Max 1**



H = hauteur manométrique. **From 48 to 400 m**
Q = Débit. **From 800 to 1800 l/min**
 $\eta\%$ = Rendement de la pompe. **Max 74,0 %**
kw/st = Absorption par étage. **Max 11,20**
Contenu maximal de sable. **50 g/m³**
S = Niveau minimal (m). **Max 1**



H = Altura manométrica. **Da 48 a 400 m**
Q = Caudal. **De 800 a 1800 l/min**
 $\eta\%$ = Rendimiento de la bomba. **Max 74,0 %**
kw/st = Potencia absorbida por etapa. **Max 11,20**
Condenito máximo de arena. **50 g/m³**
S = Nivel mínimo (m) **Max 1**



Motore - Motor - Moteur Caratteristiche a 2900 rpm				Q=Portata - Capacity - Debit							
Tipo - Type	Power		V 400	l/min	0	800	1000	1200	1400	1600	1800
	kW	HP									
				l/sec	0,00	13,33	16,67	20,00	23,33	26,67	30,00
			m³/h	0,0	48,0	60,0	72,0	84,0	96,0	108,0	
230 RCA/02	22,00	30	47,5	H[m]	81	80	77	73	67	58	48
230 RCA/03	37,00	50	78		122	120	116	110	101	87	72
230 RCA/04	44,00	60	92		162	160	154	146	134	116	96
230 RCA/05	55,00	75	113,5		203	200	193	183	168	145	120
230 RCA/06	66,00	90	134,5		243	240	231	219	201	174	144
230 RCA/07	92,00	125	185		284	280	270	256	235	203	168
230 RCA/08	92,00	125	185		324	320	308	292	268	232	192
230 RCA/09	110,00	150	219		365	360	347	329	302	261	216
230 RCA/10	110,00	150	219		405	400	385	365	335	290	240

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 RCA/02	1871	800	1071	92	125
230 RCA/03	2231	890	1341	118	141
230 RCA/04	2290	980	1310	200	158
230 RCA/05	2530	1070	1460	216	174
230 RCA/06	2770	1160	1610	260	191
230 RCA/07	2880	1250	1630	374	207
230 RCA/08	2970	1340	1630	374	224
230 RCA/09	3190	1430	1760	415	240
230 RCA/10	3280	1520	1760	415	257



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6"

8"

10"

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

A series of horizontal dotted lines providing a grid for technical specifications.

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