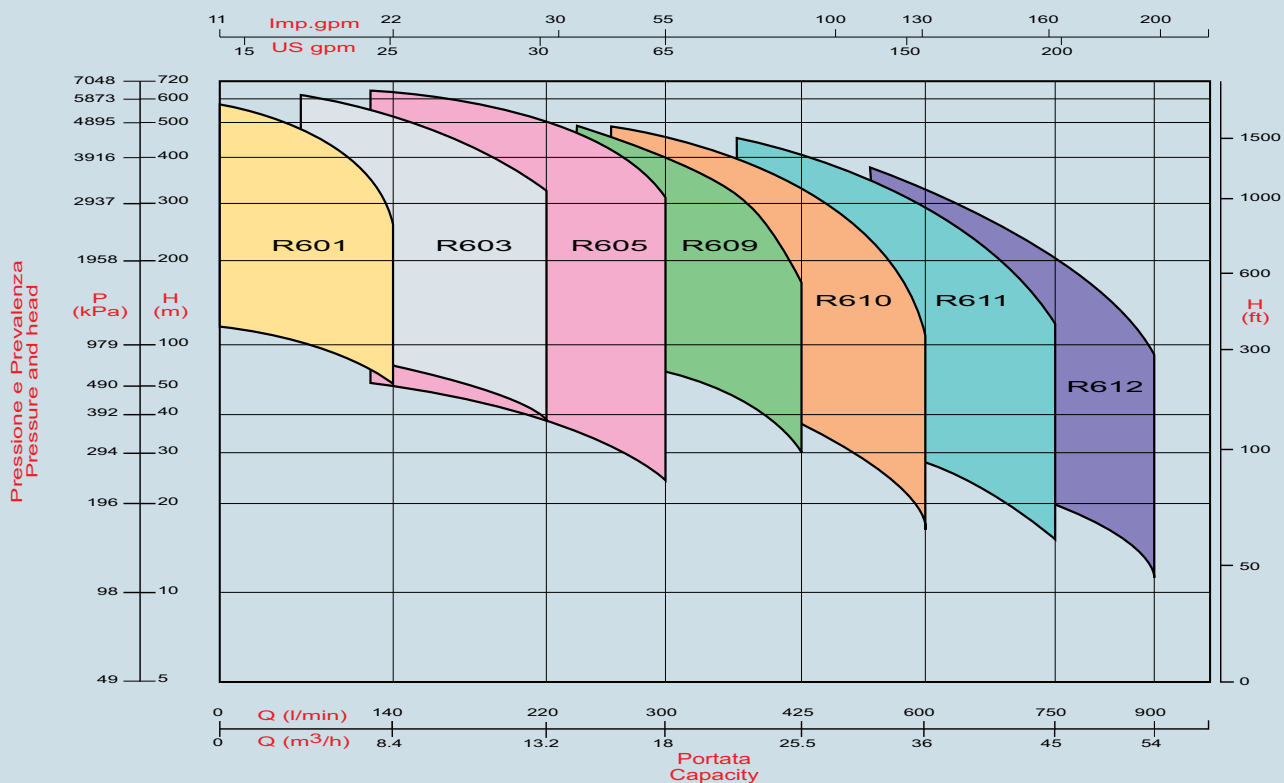
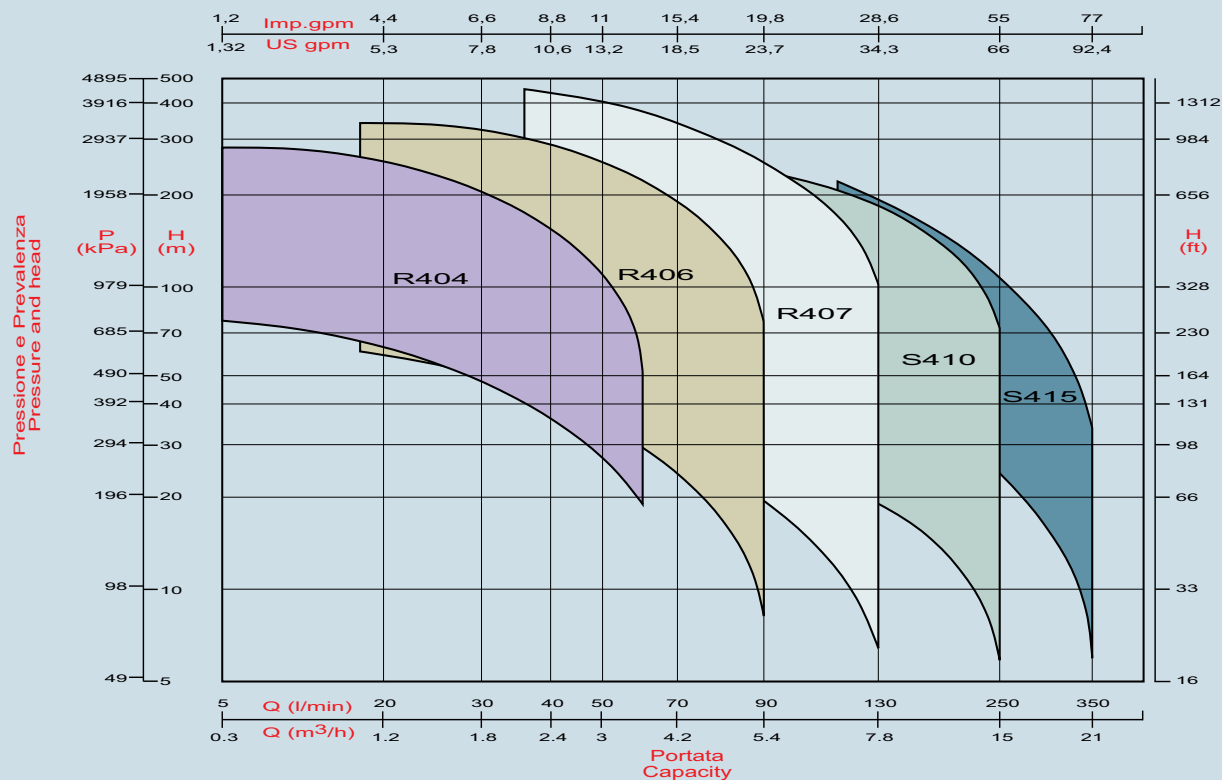


Campi di Scelta 2 poli/50Hz

Operating Field 2 poles/50Hz

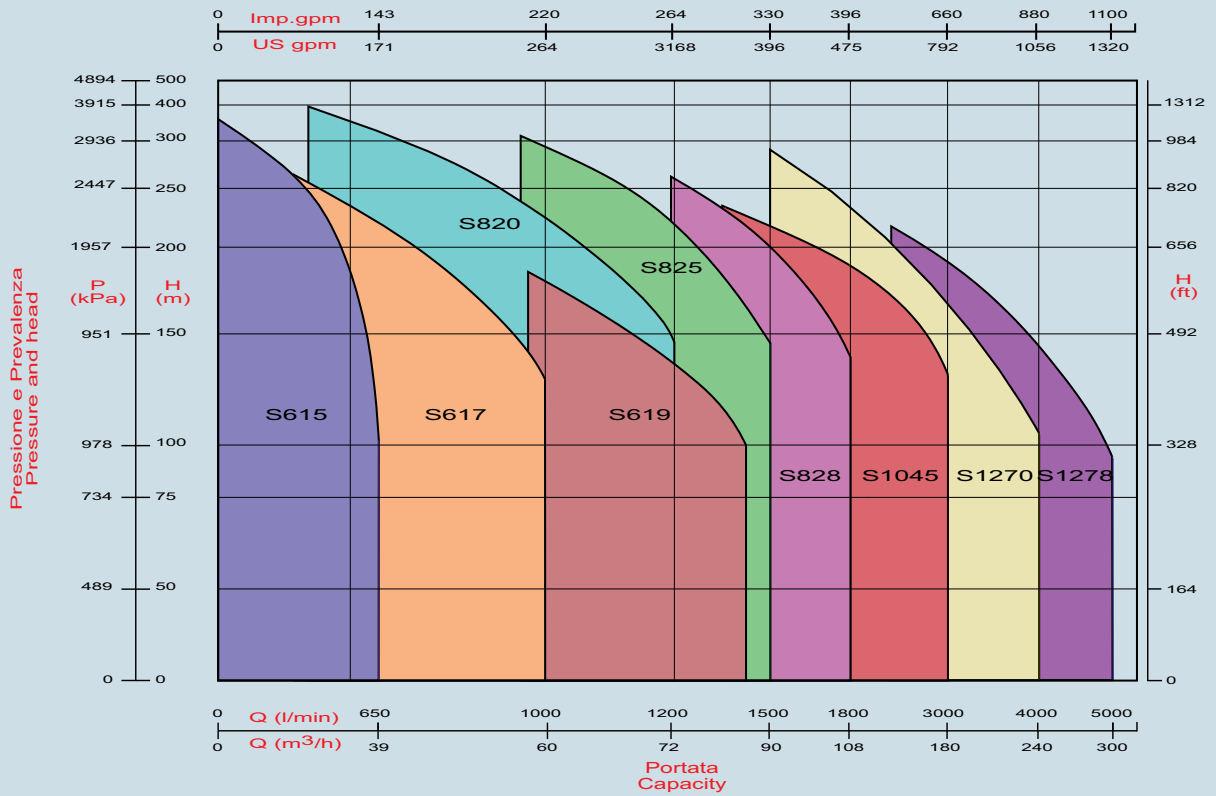
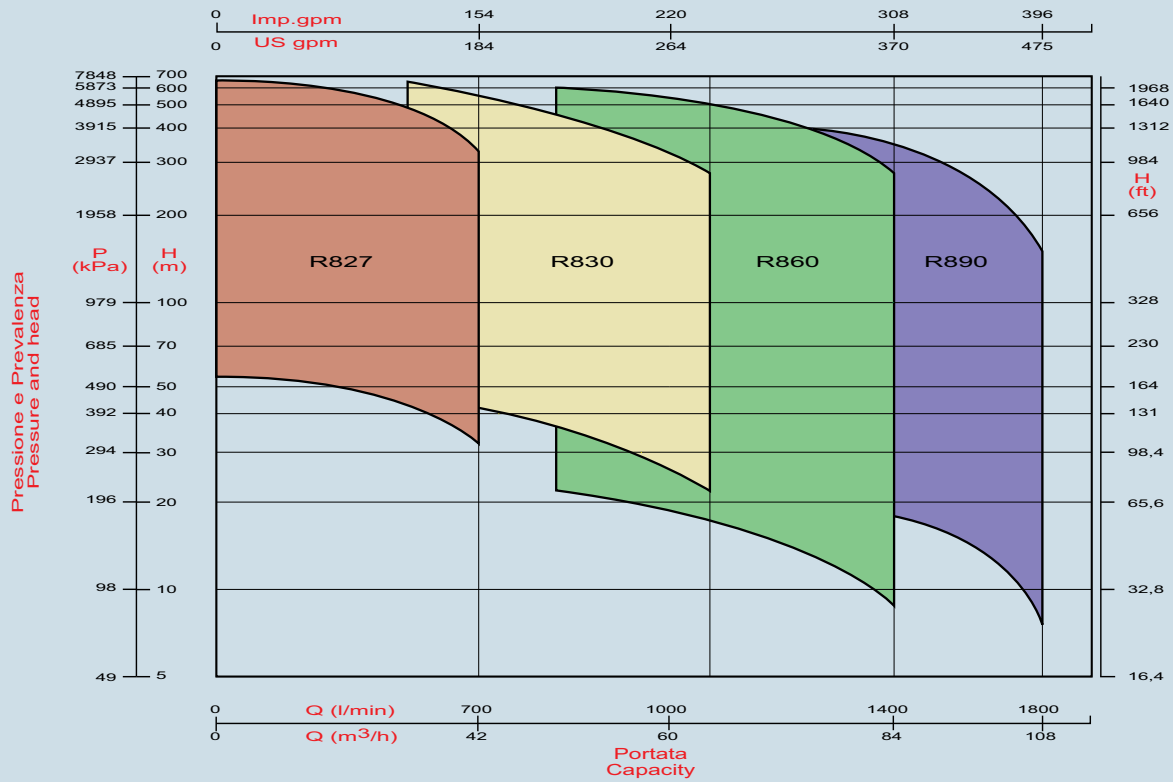
R4"



Campi di Scelta 2 poli/50Hz

Operating Field 2 poles/50Hz

R8



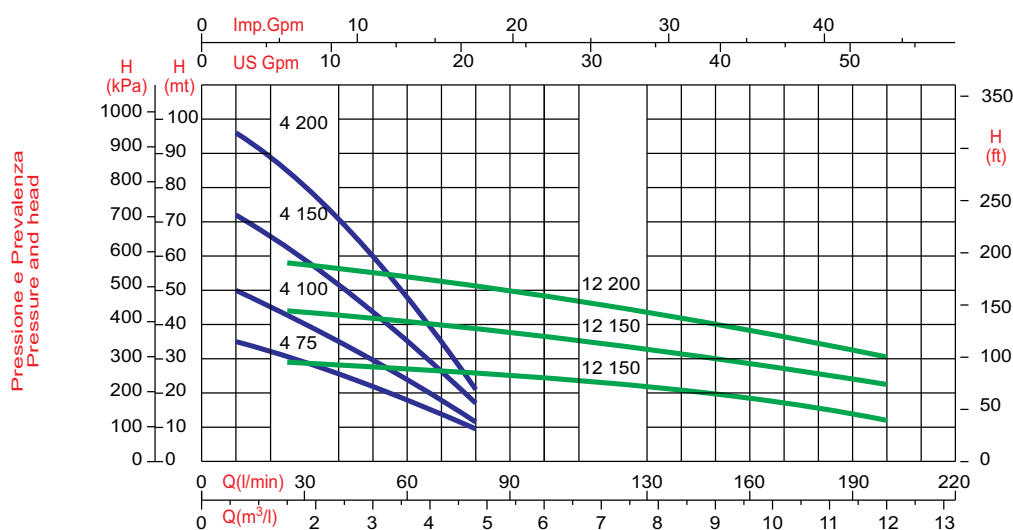
S6 12

staa pompe

11

Curve caratteristiche 2 poli/50Hz

Performance curves 2 poles/50Hz



ELETTROPOMPE SOMMERSE MONOBLOCCO "DIP"

Sono elettropompe sommerse centrifughe multistadio monoblocco con giranti radiali.

L'elemento caratterizzante è la parte idraulica situata sotto al motore, che viene raffreddata dal liquido pompato.

L'uso massiccio dell'acciaio inox garantisce l'assenza di corrosione nelle condizioni normali di utilizzo.

Applicazioni: approvvigionamento idrico in generale, da vasche, serbatoi di prima raccolta e da pozzi romani.

MONOBLOCK SUB. ELECTRIC PUMPS "DIP"

Are submersible electric centrifugal multistages monoblock pumps with radial impellers.

Their characteristic element is the hydraulic part placed under the motor cooled by the pumped liquid.

The massive use of stainless steel guarantees the absence of corrosion in normal working conditions.

Applications: water supplyng generally, from basins, first gathering tanks and from wells.

Materiali costruttivi - Construction materials

Girante radiale Diffusore	Tecnopolimero	Radial Impeller Diffuser	Technopolymer
Camicia esterna Albero Cassa motore Griglia aspirazione Statore	Inox	External housing Shaft Motor case Intake screen Stator	Acc. Inox
Tenuta meccanica	Carburo silicio	Mechanical seal	Silicon carbide



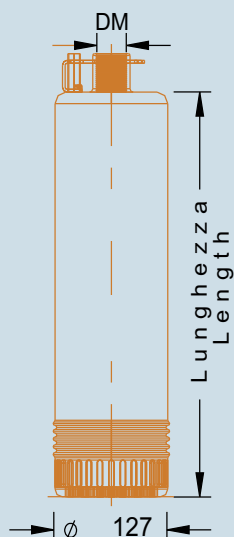
2 poli / 50Hz

2 poles/50Hz

TIPO - TYPE				DATI FUNZIONAMENTO MOTORE MOTOR OPERATING DATA						DATI IDRAULICI - HYDRAULIC DATA															
MONOFASE SINGLE - PHASE	TRIFASE THREE - PHASE	POTENZA POWER		CORRENTE CURRENT		CORRENTE CURRENT		PORTATA CAPACITY																	
		HP	kW	A 1x230V	A 3x400V	μF	Vc	Q(l/min)0	10	20	30	40	50	60	70	80	100	125	150	175	200				
								Q(m³/h)0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	6	7.5	9	10.5	12				
230 V 50 Hz	400 V 50 Hz							H= prevalenza totale in m.c.a. H= total head w.c.m.																	
DIP 4	75M	DIP 4	75T	0.75	0.55	4.6	1.7	16	4.50	38	35	32	29	25	22	18	14								
DIP 4	100M	DIP 4	100T	1	0.75	5.9	2.4	20	4.50	55	50	45	40	35	30	24	18								
DIP 4	150M	DIP 4	150T	1.5	1.1	7.8	3.3	30	4.50	78	72	66	59	52	44	35	26								
DIP 4	200M	DIP 4	200T	2	1.5	13	4.6	35	4.50	103	96	89	81	71	60	48	35								
DIP 12	100M	DIP 12	100T	1	0.75	6	2.5	20	4.50	31	30	29	28	27	26	25	24	23	22	21	19	16	12		
DIP 12	150M	DIP 12	150T	1.5	1.1	8.1	3.5	30	4.50	46	45	44	43	42	41	40	39	38	36	33	30	26	22		
DIP 12	200M	DIP 12	200T	2	1.5	13	4.7	35	4.50	60	59	58	57	56	55	54	53	52	49	45	40	35	30		

Dimensioni e pesi

Dimensions and weights



TIPO - TYPE				DM	DIMENSIONE E PESI DIMENSION AND WEIGHTS	
MONOFASE SINGLE - PHASE		TRIFASE THREE - PHASE			LUNGHEZZA LENGTH	PESO WEIGHT
230 V 50 Hz		400 V 50 Hz				
					mm	kg
DIP 4	75M	DIP 4	75T	G 1 1/4	420	10
DIP 4	100M	DIP 4	100T		477	11
DIP 4	150M	DIP 4	150T		544	12.5
DIP 4	200M	DIP 4	200T		640	16.1
DIP 12	100M	DIP 12	100T		520	12.1
DIP 12	150M	DIP 12	150T		580	12.9
DIP 12	200M	DIP 12	200T		640	14.4



Tabella di scelta Choice table

POMPA TIPO PUMP TYPE		POTENZA POWER		Q = portata Q = capacity																
				Q(l/sec)	0	0.17	0.33	0.5	0.67	0.83	1	1.16	1.5	1.83	2.16	3	3.75	4.16	5	5.83
				Q(l/min)	0	10	20	30	40	50	60	70	90	110	130	180	225	250	300	350
				Q(m³/h)	0	0.6	1.2	1.8	2.4	3	3.6	4.2	5.4	6.6	7.8	10.8	13.5	15	18	21
230 V 50 Hz	400 V 50 Hz	HP	kW	H = Prevalenza totale in m.c.a.								H = Total head in w.c.m.								
R404-13 07M	R404-13 07T	0.75	0.5	88	71	64	54	43	32	20										
R404-18 10M	R404-18 10T	1	0.75	104	98	87	76	60	43	28										
R404-26 15M	R404-26 15T	1.5	1.1	150	140	125	108	88	62	35										
R404-36 20M	R404-36 20T	2	1.5	216	198	176	150	120	86	50										
R404-42 30M	R404-42 30T	3	2.2	260	244	225	203	175	140	102										
R404-51 30M	R404-51 30T	3	2.2	300	277	245	206	164	120	70										
R406-08 07M	R406-08 07T	0.75	0.5	53			46	42	37	32	25	9								
R406-13 10M	R406-13 10T	1	0.75	83			70	63	56	48	37	15								
R406-19 15M	R406-19 15T	1.5	1.1	117			99	88	78	65	52	24								
R406-26 20M	R406-26 20T	2	1.5	162			134	121	107	91	71	28								
R406-35 30M	R406-35 30T	3	2.2	212			179	163	144	122	94	38								
	R406-44 40T	4	3	265			224	204	179	150	116	48								
	R406-60 50T	5.5	4	359			305	278	244	205	158	60								
R407-06 07M	R407-06 07T	0.75	0.5	44					37	44	32	25	21	6						
R407-09 10M	R407-90 10T	1	0.75	61					50	47	42	33	22	9						
R407-13 15M	R407-13 15T	1.5	1.1	85					71	66	61	48	31	15						
R407-19 20M	R407-19 20T	2	1.5	121					102	94	86	67	47	20						
R407-26 30M	R407-26 30T	3	2.2	173					145	134	123	96	66	30						
	R407-35 40T	4	3	232					188	173	159	126	85	41						
	R407-44 50T	5.5	4	292					244	228	211	168	116	59						
	R407-60 75T	7.5	5.5	371					311	289	269	220	164	88						
	R407-80 100T	10	7.5	443					371	346	314	246	174	99						
S410-05 10M	S410-05 10T	1	0.75	37							33	31	29	26	17	10	4			
S410-08 15M	S410-08 15T	1.5	1.1	56							51	47	45	41	20	15	6			
S410-10 20M	S410-10 20T	2	1.5	67							64	59	56	49	28	19	8			
S410-13 30M	S410-13 30T	3	2.2	89							82	77	73	65	35	25	12			
	S410-18 40T	4	3	122							112	106	99	89	47	36	16			
	S410-25 50T	5.5	4	172							158	147	138	126	70	57	27			
	S410-32 75T	7.5	5.5	214							197	185	175	161	92	70	36			
	S410-40 100T	10	7.5	266							243	229	218	199	119	96	51			
S415-06 20M	S415-06 20T	2	1.5	48									48	44	38	35	24	14		
S415-09 30M	S415-09 30T	3	2.2	66									60	58	49	43	33	18		
	S415-12 40T	4	3	88									80	75	65	57	44	26		
	S415-16 50T	5.5	4	117									107	99	88	97	57	33		
	S415-22 75T	7.5	5.5	159									146	137	121	106	80	47		
	S415-30 100T	10	7.5	215									189	165	152	133	103	60		

staa *nomme*



Tabella di scelta Choice table

POMPA TIPO PUMP TYPE 400 V 50 Hz	POTENZA POWER		Q= portata										Q= capacity					
			Q(l/sec) 0	3.33	4.17	5	6.67	8.33	10	11.67	13.33	16.67	18.33	21.67	23.33	25	30	
			Q(l/min) 0	200	250	300	400	500	600	700	800	1000	1100	1300	1400	1500	1800	
			Q(m³/h) 0	12	15	18	24	30	36	42	48	60	66	78	84	90	108	
	HP	kW	H= Prevalenza totale in m.c.a.										H = Total head in w.c.m.					
R827-02 55	5.5	4	51	46	44	43	40	36	30	23								
R827-03 75	7.5	5.5	76	68	66	64	60	54	45	35								
R827-04 100	10	7.5	101	91	88	86	80	71	61	46								
R827-05 125	12.5	9.2	126	113	110	107	100	89	75	58								
R827-06 150	15	11	152	137	133	129	120	107	91	69								
R827-07 175	17.5	12.8	176	158	153	141	138	122	104	82								
R827-08 200	20	15	202	183	177	172	160	143	120	93								
R827-09 250	25	18.5	229	205	199	193	179	161	136	104								
R827-10 300	30	22	253	228	221	215	199	179	152	116								
R827-12 350	35	26	304	272	264	256	238	215	182	141								
R827-14 400	40	30	355	318	308	299	277	249	212	162								
R827-18 500	50	37	456	410	398	385	357	320	271	209								
R827-22 600	60	45	558	501	486	471	436	392	332	255								
R827-25 700	70	51	632	569	553	536	498	445	378	290								
R827-27 750	75	55	684	613	595	577	537	482	408	311								
R830-02 75	7.5	5.5	52			48	47	45	42	38	36	23						
R830-03 100	10	7.5	77			74	73	69	65	56	51	33						
R830-04R 125	12.5	9.2	98			91	88	83	77	70	61	38						
R830-04 150	15	11	106			99	96	90	84	77	69	46						
R830-05 175	17.5	12.8	132			124	119	113	105	97	86	58						
R830-06 200	20	15	158			147	141	134	126	116	103	69						
R830-07 250	25	18.5	184			172	165	157	148	135	121	82						
R830-08 300	30	22	210			196	189	179	167	154	137	93						
R830-09 350	35	26	236			221	212	201	189	174	154	105						
R830-10 400	40	30	263			246	236	225	210	194	172	116						
R830-13 500	50	37	342			319	306	290	273	252	223	151						
R830-16 600	60	45	420			393	378	359	336	309	274	185						
R830-18 700	70	51	471			441	424	403	378	347	310	208						
R830-20 750	75	55	524			492	473	448	419	385	344	232						
R830-21 800	80	59	551			515	494	470	441	405	361	243						
R830-22 900	90	66	577			540	510	492	461	423	378	254						
R830-25 1000	100	75	656			612	588	558	524	481	430	290						
R860-01 55	7.5	5.5	27					25	23	22	21	20	17	13	9			
R860-02R 100	10	7.5	44					36	35	34	33	31	27	17	13			
R860-02 125	12.5	9.2	54					49	47	45	44	38	34	25	18			
R860-03 150	15	11	87					73	70	67	63	54	48	35	27			
R860-04 200	20	15	115					98	97	91	87	78	70	49	35			
R860-05 250	25	18.5	140					123	119	114	109	95	85	61	45			
R860-06R 300	30	22	157					137	133	128	123	108	95	66	50			
R860-06 350	35	26	164					149	146	141	135	117	105	75	55			
R860-07 400	40	30	191					173	168	163	157	139	126	91	65			
R860-09 500	50	37	245					223	216	207	198	180	164	118	85			
R860-11 600	60	45	300					271	264	257	247	215	193	136	98			
R860-12 700	70	51	337					297	288	279	269	238	214	150	108			
R860-13 750	75	55	358					325	316	305	293	260	235	164	119			
R860-14 800	80	59	388					345	336	326	316	286	257	180	135			
R860-16 900	90	66	441					403	393	380	366	329	296	210	157			
R860-18 1000	100	75	495					458	448	433	417	375	338	243	186			
R860-22 1250	125	92	606					559	550	537	520	469	423	303	226			
R860-22 1500	150	110	709					656	643	626	607	545	491	353	274			
R890-01 75	7.5	5.5	25								24	22	21	19	18	15	7	
R890-02R 100	10	7.5	46								40	37	35	30	27	24	14	
R890-02R 125	12.5	9.2	50								46	43	41	35	32	29	18	
R890-02 150	15	11	58								54	50	48	42	38	34	21	
R890-03R 200	20	15	80								69	63	60	50	45	40	24	
R890-03 250	25	18.5	85								75	69	66	57	52	46	27	
R890-04 300	30	22	114								99	93	89	77	70	61	33	
R890-05 350	35	26	140								120	113	108	93	84	74	42	
R890-06 400	40	30	162								140	131	125	108	98	87	48	
R890-07 500	50	37	195								173	160	154	138	124	108	55	
R890-08 600	60	45	223								193	182	175	157	141	122	66	
R890-09 700	70	51	251								218	207	198	176	159	138	74	
R890-10 800	80	59	278								242	229	220	196	177	153	82	
R890-12 900	90	66	334								291	276	265	236	214	185	100	
R890-13 1000	100	75	362								319	302	290	260	235	205	106	
R890-16 1250	125	92	455								390	369	356	313	281	245	125	
R890-19 1500	150	110	523								462	437	421	372	336	295	158	



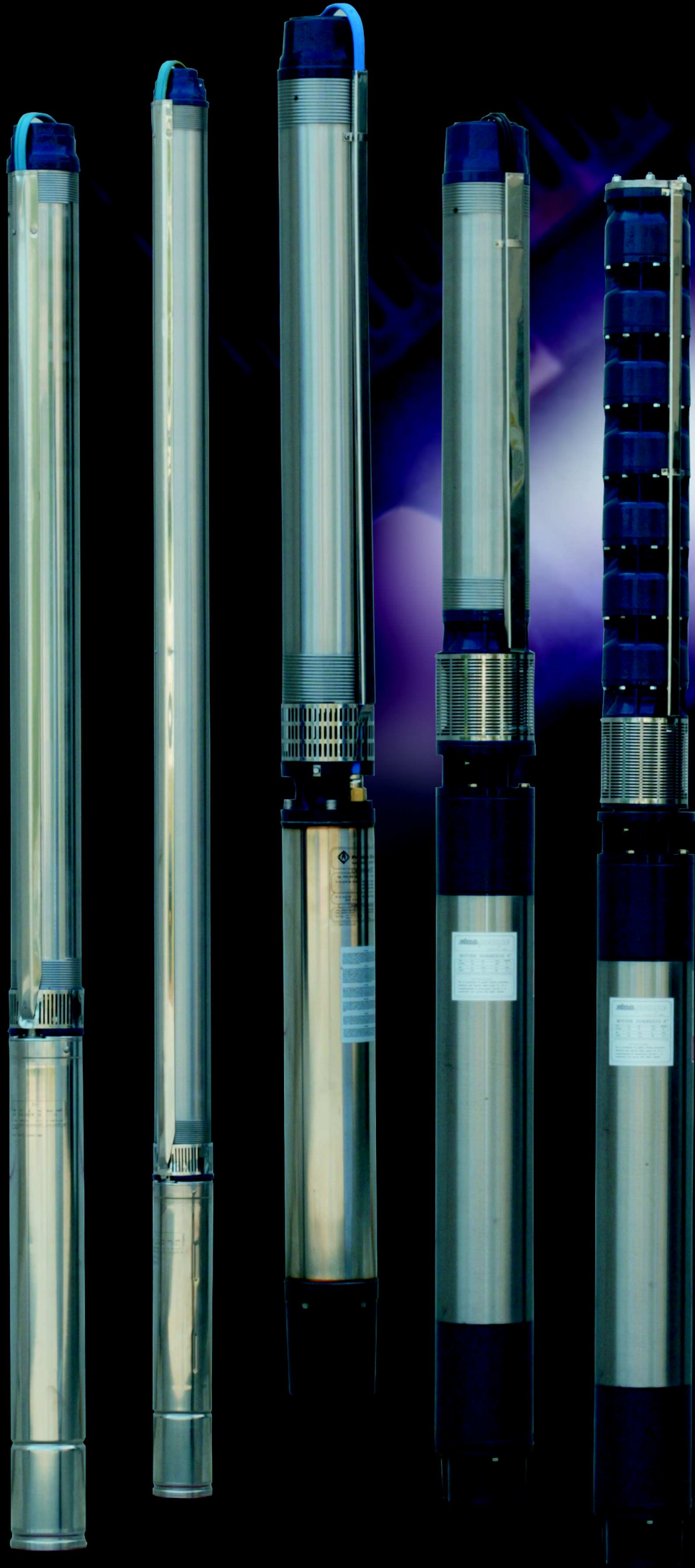
POMPA TIPO PUMP TYPE 400 V 50 Hz	POTENZA POWER HP kW		Q= portata Q= capacity																							
			Q(l/sec) 0	2.5	3.3	4.16	5	5.83	6.66	7.5	8.33	10	10.8	11.6	13.3	15	16.6	18.3	20	21.6	23.3	25	26.6	30		
			Q(l/min) 0	150	200	250	300	350	400	450	500	600	650	700	800	900	1000	1100	1200	1300	1400	1500	1600	1800		
			Q(m³/h) 0	9	12	15	18	21	24	27	30	36	39	42	48	54	60	66	72	78	84	90	96	108		
H= Prevalenza totale in m.c.a. H = Total head in w.c.m.																										
S615-03 55	5.5	4	44	42	41	40	39	38	34	32	29	21														
S615-04 75	7.5	5.5	57	55	54	53	50	48	44	41	36	26														
S615-06 100	10	7.5	82	79	78	75	73	70	63	58	52	37														
S615-07 125	12.5	9.2	94	91	90	88	84	80	73	67	59	42														
S615-09 150	15	11	120	116	115	112	108	102	92	85	76	52														
S615-10 175	17.5	12.8	133	129	127	123	119	113	102	94	83	57														
S615-12 200	20	15	159	153	151	147	141	134	121	111	98	68														
S615-15 250	25	18.5	197	190	188	183	175	166	150	138	121	83														
S615-18 300	30	22	235	227	224	217	209	198	179	164	144	98														
S615-21 350	35	26	274	267	260	252	242	230	208	190	167	114														
S615-24 400	40	30	312	300	297	288	272	262	237	217	190	129														
S617-02 55	5.5	4	32						30	29	28	26	25	24	22	19	18									
S617-03 75	7.5	5.5	47						42	41	40	38	37	36	31	27	23									
S617-04 100	10	7.5	60						54	53	52	49	47	44	40	34	29									
S617-05 125	12.5	9.2	74						66	64	63	61	58	54	49	43	38									
S617-06 150	15	11	89						79	76	75	71	69	66	60	51	43									
S617-07 175	17.5	12.8	101						92	90	87	82	80	76	67	58	49									
S617-08 200	20	15	115						102	100	98	92	88	85	77	66	56									
S617-10 250	25	18.5	143						128	126	123	115	113	106	95	82	69									
S617-12 300	30	22	170						152	149	145	137	133	126	112	97	83									
S617-14 350	35	26	196						178	173	168	160	155	145	129	113	98									
S617-16 400	40	30	225						203	197	192	183	175	167	148	129	111									
S617-20 500	50	37	376						276	245	240	226	219	209	184	160	137									
S619-02 55	5.5	4	32										28	27	26	26	24	22	20	18	15	13	10			
S619-03 100	10	7.5	46										29	37	36	36	33	31	28	24	20	16	13			
S619-04 125	12.5	9.2	59										50	48	47	46	43	39	35	30	25	20	15			
S619-05 150	15	11	73										62	59	58	57	52	48	43	37	30	24	18			
S619-06 175	17.5	12.8	86										73	70	68	66	62	56	50	43	35	28	20			
S619-07 200	20	15	100										84	80	79	77	71	65	58	49	40	32	23			
S619-09 250	25	18.5	127										107	102	100	97	90	82	73	62	50	39	28			
S619-11 300	30	22	154										130	124	120	118	109	99	88	74	60	47	33			
S619-13 350	35	26	180										152	146	141	138	128	116	103	87	71	54	38			
S619-15 400	40	30	208										175	167	161	159	147	134	118	100	81	62	43			
S619-18 500	50	37	249										209	200	193	189	175	159	140	118	96	73	51			
S619-22 600	60	45	299										252	210	233	228	211	192	169	143	115	88	61			
S820-02 75	7.5	5.5	42										37	35	34	33	30	28	26	23	20					
S820-03 100	10	7.5	60										53	51	48	47	44	40	36	31	28					
S820-04 125	12.5	9.2	78										68	66	62	61	57	52	46	40	33					
S820-05 175	17.5	12.8	96										84	79	75	74	69	63	56	48	41					
S820-06 200	20	15	114										89	94	89	88	82	73	65	55	46					
S820-07 250	25	18.5	131										113	108	102	101	93	84	74	64	53					
S820-09 300	30	22	167										143	137	130	127	118	106	94	80	66					
S820-10 350	35	26	185										158	151	145	140	130	117	103	88	73					
S820-12 400	40	30	221										188	179	172	167	154	140	122	104	86					
S820-15 500	50	37	274										234	223	212	207	190	172	151	130	105					
S820-18 600	60	45	328										278	264	255	248	227	205	179	152	125					
S820-22 750	75	55	400										339	321	310	301	276	248	218	183	151					
S825-02 100	10	7.5	44										41	40	39	39	37	34	31	29	26	21	18	14		
S825-03 125	12.5	9.2	65										58	56	55	54	50	48	43	40	34	30	25	19		
S825-04 175	17.5	12.8	87										77	73	72	71	64	62	57	51	44	38	32	25		
S825-05 200	20	15	102										90	85	83	81	78	75	69	63	56	48	40	33		
S825-06 250	25	18.5	123										108	104	102	101	96	91	84	78	71	61	51	41		
S825-07 300	30	22	143										126	122	110	117	112	106	99	91	81	71	62	52		
S825-08 350	35	26	167										148	142	140	137	130	122	117	109	99	86	74	62		
S825-09 400	40	30	188										166	161	156	154	148	141	134	124	112	99	86	72		
S825-11 500	50	37	231										202	195	190	189	178	168	158	148	133	116	100	83		
S825-13 600	60	45	273										239	230	223	221	211	198	187	174	155	137	118	97		
S825-16 750	75	55	333										288	279	273	270	256	244	231	211	190	167	144	119		
S825-20 900	90	66	413										365	352	343	337	322	308	287	263	236	207	179	149		



S8-12

Tabella di scelta Choice table

POMPA TIPO PUMP TYPE	POTENZA POWER		Q= portata Q= capacity																				
			Q(l/sec) 0	13.3	16.6	20	23.3	26.6	30	33.3	36.6	40	43.3	46.6	50	53.3	56.6	60	63.3	66.6	73.3	78.3	83.3
			Q(l/min) 0	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	3800	4000	4400	4700	5000
			Q(m³/h) 0	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240	264	282	300
400 V 50 Hz	HP	kW	H= Prevalenza totale in m.c.a. H = Total head in w.c.m.																				
S828-01 75	7.5	5.5	27	25	23	21	19	17	16														
S828-02 125	12.5	9.2	44	42	40	38	35	30	23														
S828-03 200	20	15	65	60	58	54	49	42	33														
S828-04 300	30	22	81	79	77	70	65	53	42														
S828-05 350	35	26	102	98	93	86	79	66	52														
S828-06 400	40	30	121	117	111	102	93	77	60														
S828-07 500	50	37	142	135	130	120	107	90	72														
S828-09 600	60	45	180	172	165	152	136	115	89														
S828-11 750	75	55	220	210	200	187	167	138	110														
S828-13 900	90	66	260	246	236	218	194	163	127														
S828-15 1000	100	75	298	283	272	251	225	187	146														
S1045-01 100	10	7.5	30				24	23	22	21	20	19	18	17	14								
S1045-02 200	20	15	55				44	42	40	38	35	32	30	28	23								
S1045-03R 250	25	18.5	71				56	52	49	45	42	38	35	31	27								
S1045-03 300	30	22	79				63	60	57	53	50	45	40	37	31								
S1045-04 400	40	30	104				82	78	73	69	64	58	52	46	39								
S1045-05 500	50	37	127				103	97	91	85	79	72	64	57	48								
S1045-06 600	60	45	151				121	115	107	101	93	85	75	67	58								
S1045-07 750	75	55	175				140	132	124	116	108	98	87	77	66								
S1045-08 800	80	59	200				159	151	141	132	122	111	99	87	74								
S1045-09 900	90	68	224				178	169	157	147	137	125	111	96	82								
S1045-10 1000	100	75	248				198	187	175	163	152	138	123	107	91								
S1270-01R 200	20	15	39							30	29	28	25	24	22	19	17	15	13	10			
S1270-01 250	25	18.5	45							38	37	35	33	31	29	26	24	22	20	16			
S1270-02R 400	40	30	79							61	59	55	52	48	43	38	34	29	25	20			
S1270-02 500	50	37	89							76	73	69	66	62	57	53	48	43	37	32			
S1270-03R 600	60	45	118							91	88	83	78	72	65	58	52	44	36	30			
S1270-03 750	75	55	134							114	110	104	99	93	85	80	73	64	56	48			
S1270-04R 800	80	59	158							122	117	111	105	96	87	77	69	59	50	40			
S1270-04 1000	100	75	179							152	146	139	131	123	113	105	95	85	75	64			
S1270-05 1250	125	93	223							190	183	174	165	153	142	131	120	107	93	80			
S1270-06 1500	150	110	268							228	220	209	198	184	170	157	143	128	112	96			
S1270-07 1750	175	130	312							268	256	244	230	215	199	183	167	149	132	112			
S1278-01R 200	20	15	32										23	23	21	19	18	17	15	15	11	-	-
S1278-01 250	25	18.5	35										25	24	23	22	21	20	18	18	14	-	-
S1278-02R 400	40	30	65										46	43	41	38	37	32	31	29	23	20	16
S1278-02 500	50	37	71										51	48	46	44	42	38	37	34	29	25	21
S1278-03R 600	60	45	97										69	63	61	57	53	50	46	42	35	29	24
S1278-03 750	75	55	106										77	71	69	65	62	58	55	54	43	37	31
S1278-04R 800	80	59	129										91	83	81	80	71	68	75	57	47	39	32
S1278-04 1000	100	75	141										102	93	92	87	82	77	70	68	57	50	42
S1278-05R 1000	100	75	162										114	103	102	102	90	86	78	71	58	49	41
S1278-05 1250	125	93	176										129	117	116	112	104	99	93	85	72	51	52
S1278-06 1500	150	110	212										154	140	139	139	125	119	111	103	87	63	63
S1278-07 1750	175	130	247										179	166	162	154	145	138	130	120	101	73	73
S1278-08 2000	200	150	272										205	186	185	180	166	158	147	138	116	84	84



stae *Womby*

E L E T T R O P O M P E S O M M E R S E
S U B M E R S I B I L E E L E C T R I C P U M P S

GIRANTI

Realizzate in polycarbonato rinforzato con fibre di vetro, materiale altamente resistente alle abrasioni e alla corrosione.

IMPELLERS

Accomplished in polycarbonate strengthen with fibre in glass which is a material highly resistant to abrasion and corrosion.

ALBERO POMPA

In acciaio AISI 303 con elevata resistenza alla corrosione grazie anche alla protezione del mozzo delle giranti.

Praticità di smontaggio e manutenzione grazie al profilo esagonale.

SHAFT PUMP

In steel AISI 303 with elevated resistance to the corrosion thanks also to the protection of the hub of the impellers.

Practicality of disassembly and maintenance thanks to the hexagonal profile.

CUSCINETTO DI GUIDA

È lubrificato ad acqua, non richiede manutenzione ed è protetto contro l'usura. Adatto per un lungo periodo di funzionamento, progettato per consentire l'evacuazione di eventuali particelle di sabbia.

GUIDE BEARING

Is lubricated with water, it doesn't required maintenance and it is protected against the wear.

It's adapted for a long period of operation, projected to allow the pumping of the possible particles of sand.

STADIO DELLA POMPA

Realizzato in policarbonato con fibre di vetro e acciaio inox materiale altamente resistente all'abrasione e alla corrosione.

STAGE OF THE PUMP

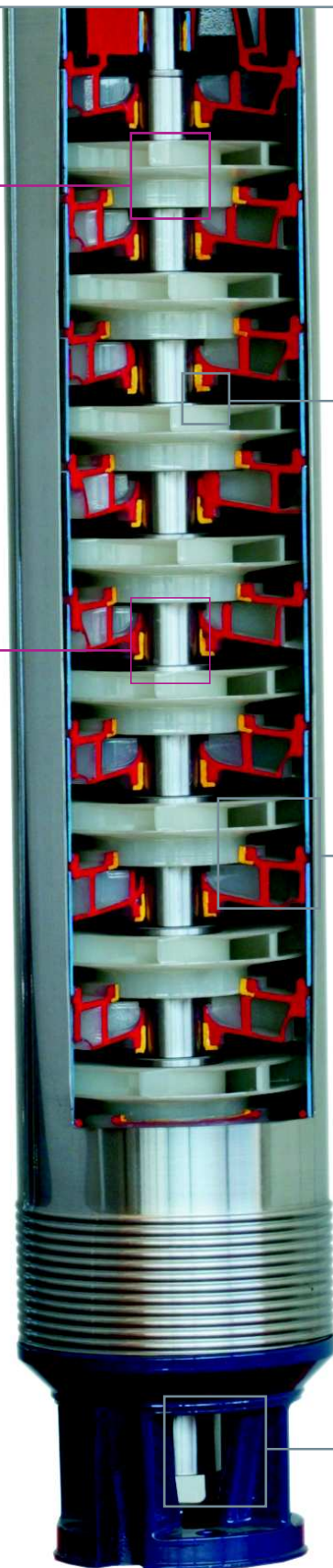
Accomplished in polycarbonate with fibre in glass and stainless steel which is a material highly resistant to abrasion and corrosion.

GIUNTO

Costruito in metallo sinterizzato AISI 316 con accoppiamento NEMA, garantisce la resistenza alla corrosione.

COUPLING

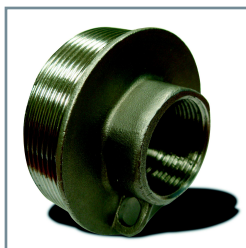
Built in compact metal AISI 316 with linkage NEMA, it guarantees the resistant to corrosion.



BOCCA DI MANDATA

Costruito in microfusione di acciaio inox dove è integrato, la valvola di non ritorno con doppia guida per evitarne il bloccaggio.

La valvola scarica l'urto attraverso la sede conica direttamente sulla bocca di mandata proteggendo giranti e diffusori da sollecitazioni provenienti da eventuali colpi d'ariete.



DISCHARGE

Built in precision casting of stainless steel where is supplemented the not return valve with double guide to avoid the blocking.

Valve unload the push through the conical station directly on the discharge protecting impellers and diffusers from stress coming from possible strokes hydraulic ram.

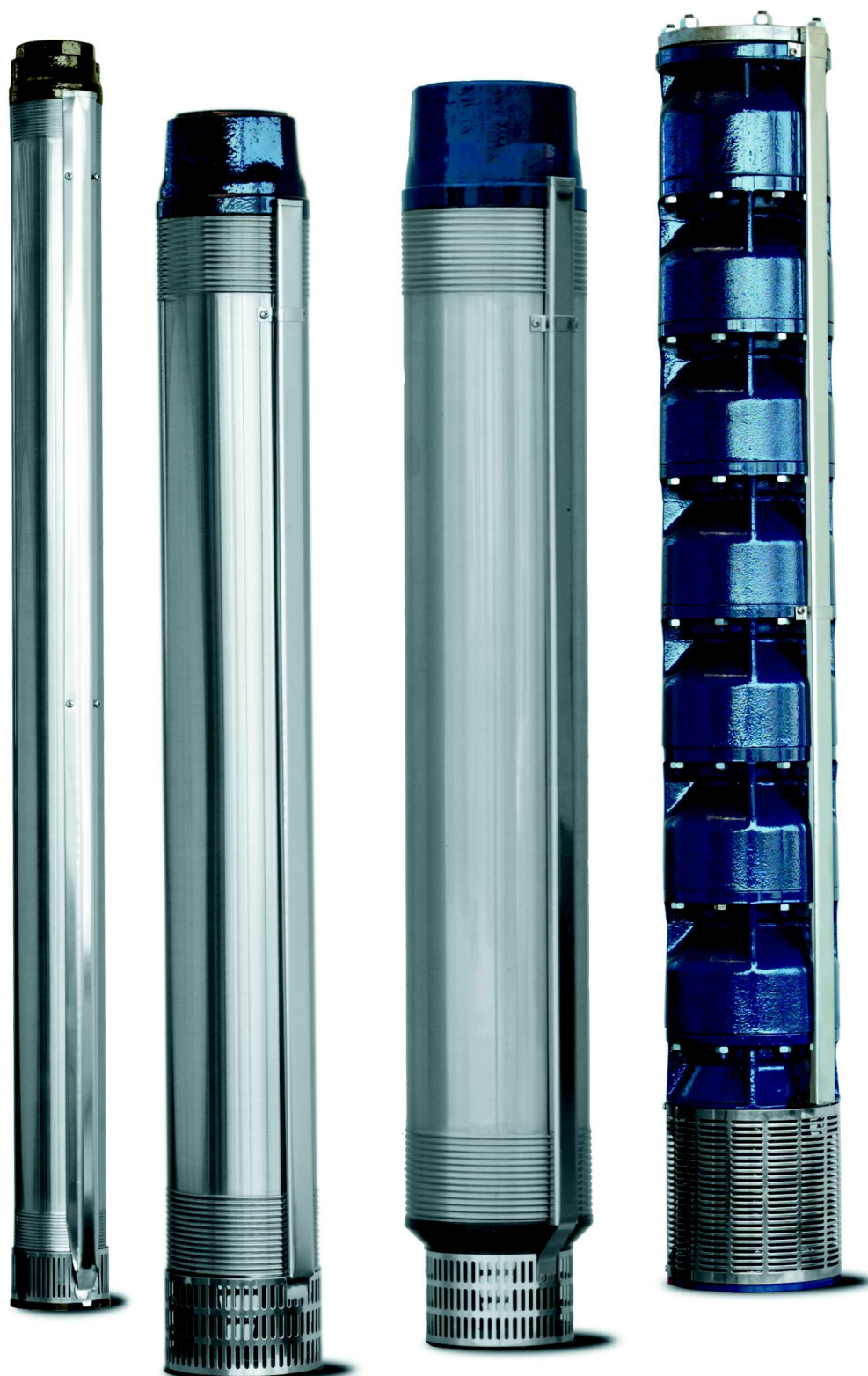
SUPPORTO DI ASPIRAZIONE

Costruito in microfusione di acciaio inox per garantire resistenza alla corrosione, robustezza e rigidità di accoppiamento con il motore.



ASPIRATION BRACKET

Built in precision casting of stainless steel to guarantee the resistant to corrosion, hardness and rigidity of linkage with motor.



**ELETTROPOMPE
SOMMERSE**

**SUBMERSIBLE
ELECTRIC PUMPS**

stac *pompe*

Elettropompe centrifughe sommerse per pozzi da 4"
Centrifuge submersible pump for well of 4"
COSTRUZIONE

Sono elettropompe centrifughe sommerse per pozzi da 4", con giranti radiali o semiassiali, collegate al motore tramite supporto d'aspirazione e giunto meccanico, secondo norme NEMA. Il corpo pompa è serrato mediante tubo di acciaio inox.

- Valvola di non ritorno inserita nel corpo di mandata
- Supporto di aspirazione e corpo di mandata in ghisa Grigia, esecuzione speciale in acciaio inox
- Boccola di guida albero in lexan caricato
- Anelli di usura guida albero e guida giranti particolarmente studiati per la lubrificazione e resistenza alle infiltrazioni di sabbia
- Albero ampiamente dimensionato in acciaio inox
- Protezione cavo di alimentazione e griglia di aspirazione in acciaio inox
- Anelli paracolpi per la protezione delle parti idrauliche in fase di avviamento in acciaio inox

IMPIEGHI

Adatta per impianti idrici di approvvigionamento e pressurizzazione da pozzi profondi in impieghi:

- Sistema di rifornimenti idrici per usi civili ed industriali
- Irrigazione a pioggia ed a scorrimento
- Impianti automatici antincendio UNI 9490 e 10779
- Impianti di sopraelevazione
- Applicazione industriale varia

LIQUIDI POMPATI

Chiari non aggressivi, non esplosivi e privi di sostanze solide e fibrose.

DATI DI FUNZIONAMENTO
Pompa

- Portate fino 21 m³/h
- Prevalenze fino a 413 m
- Diametro massimo di ingombro 98 mm
- Massima profondità di immersione 150 m
- Massima quantità di sabbia 25 g/m³
- Temperatura liquido pompato max +30 °C
- Installazione verticale orizzontale e obliquo
- Attacco filettato G 1 1/4 serie R, G 2 serie S
- Senso di rotazione antiorario visto dalla mandata

Motore

- Di tipo asincrono a due poli raffreddato ad olio
- Flangia attacco NEMA da 4"
- Tensione monofase 220 / 240 V, prevedere condensatore sempre inserito
- Tensione Trifase 380 / 415 V
- Frequenza 50 Hz
- Massima deviazione della tensione nominale +6% -10%
- Avviamenti orari Max 30 equamente distribuiti
- Potenza da 0.5 fino a 7.5 kW
- Cavo in dotazione lunghezza da 1.5 m fino a 4 m
- Grado di protezione motore IP 68
- Isolamento classe B
- Protezione motori con relè termico secondo le norme VDE, classe di scatto (trip) 10 o 10 A / tempo di scatto <10s a 5 x A
- Per altre caratteristiche dei motori vedere la sezione relativa in questo stesso catalogo

CONSTRUCTION

These are centrifuge submersible pumps for well of 4", with radial or semi-axial impeller, connected to the motor by intake support and mechanical coupling in accordance with norms NEMA. Pump body is tightened by tube in stainless steel.

- Check valve put in the delivery body
- Intake support and delivery body in gray iron, special run in stainless steel
- Ferrule bearing that guides the shaft in lexan affected
- Wear-rings guide shaft and guide impeller particularly studied for lubrication and resistance to the infiltration of sand
- Shaft amply measured in stainless steel
- Protection of line cord strong and suction screen in stainless steel
- Buffer rings for protection of the hydraulic parts in starting stage in stainless steel

USES

Suitable for waterworks of procurement and pressurization by deep well in uses of:

- System of hydric supplying for civil and industrial uses
- Irrigation at rain and at slip
- Automatic fire fighting plants UNI 9490 and 10779
- Superelevation plants
- Various industrial appliances

PUMPED LIQUIDS

Clear, not aggressive and not explosive, without solid or fibrous substances

PERFORMANCE DATA
Pump

- Deliveries up to 21 m³/h
- Heads up to 413 m
- Maximum bore crammed 98 mm
- Maximum depth of immersion 150 m
- Maximum quantity of sand 25 gr/m³
- Maximum temperature of pumped liquid +30°C
- Vertical, horizontal and oblique installation
- Threaded connection G 1 1/4 series R, G 2 series S
- Anticlockwise rotation seen from delivery

Motor

- Asynchronous type with two poles, cooled with oil
- Connection flange NEMA of 4"
- Single-phase tension 220 / 240 V, to expect the condenser always integrated
- Three-phase tension 380 / 415 V
- Frequency 50 Hz
- Maximum deviation of the nominal tension +6% - 10%;
- Maximum hours starting 30 justly distributed
- Power by 0,5 up to 7,5 kW
- Cable in equipment length by 1,5m up to 4m
- Protection's level of motor IP 68
- Class of segregation B
- Protection motors with thermal relay in accordance to norms VDE, class of trip 10 or 10 A / time of trip <10 s to 5 x A
- For other characteristic of motors, take a look to the relative section in this same catalogue

R404 R406 R407 S410 S415

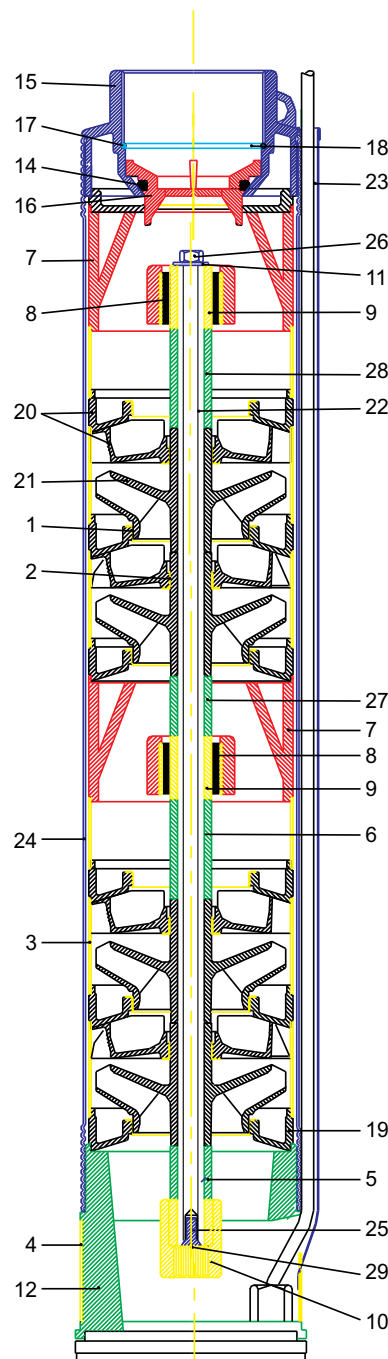
N. Rif. N. Ref.	Descrizione Description	Materiale Material
1	Anello di rasamento bocchetta Routh shave ring	X5 Cr Ni 1810
2	Anello di rasamento mozzo Hub shavering	
3	Anello distanziale Spacer ring	
4	Filtro di aspirazione Suction screen	
5	Boccola distanziale Distance ferrule	Policarbonato polycarbonate
6	Boccola distanziale Distance ferrule	
7	Supporto Bracket	
8	Cuscinetto a boccola Ferrule bearing	Gomma nitrilica Nitrile rubber
9	Boccola guida Bushing guide	Policarbonato Polycarbonate
10	Giunto Coupling	X20 Cr 13
11	Rondella bloccaggio giranti Impeller lock washer	X5 Cr Ni Mo 1712
12 *	Supporto aspirazione Aspiration break	GG 20 Cast iron
13	Rondella reggispira Trust bearing washer	X20 Cr 13
14	Anello OR O-ring	Gomma acrilonitrica Acrylonitic rubber
15 *	Corpo di mandata Delivery body	GG 20 Cast iron
16	Valvola Valve	X20 Cr 13
17	Anello seeger Seeger ring	X10 Cr Ni 1809
18	Rondella valvola Valve washer	Policarbonato Polycarbonate
19	Disco diffusore Diffuser disc	
20	Diffusore completo Complete diffuser	
21	Girante Impeller	
22	Albero Shaft	X10 Cr S 17
23	Ripara cavo Cable protection	X5 Cr Ni 1810
24	Camicia External housing	
25	Bullone Bolt	
26	Bullone Bolt	Policarbonato Polycarbonate
27	Boccola distanziale Distance ferrule	
28	Boccola distanziale Distance ferrule	X20 Cr 13
29	Rondella giunto Washer coupling	

***Esecuzione speciale**

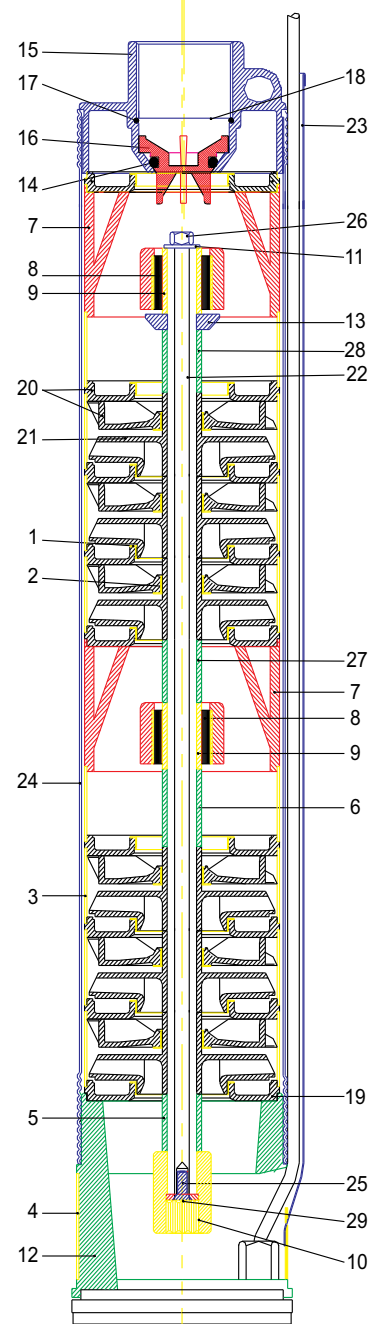
Supporto di aspirazione e corpo di mandata in acciaio inox

***Special execution**

Aspiration bracket and delivery body in stainless steel



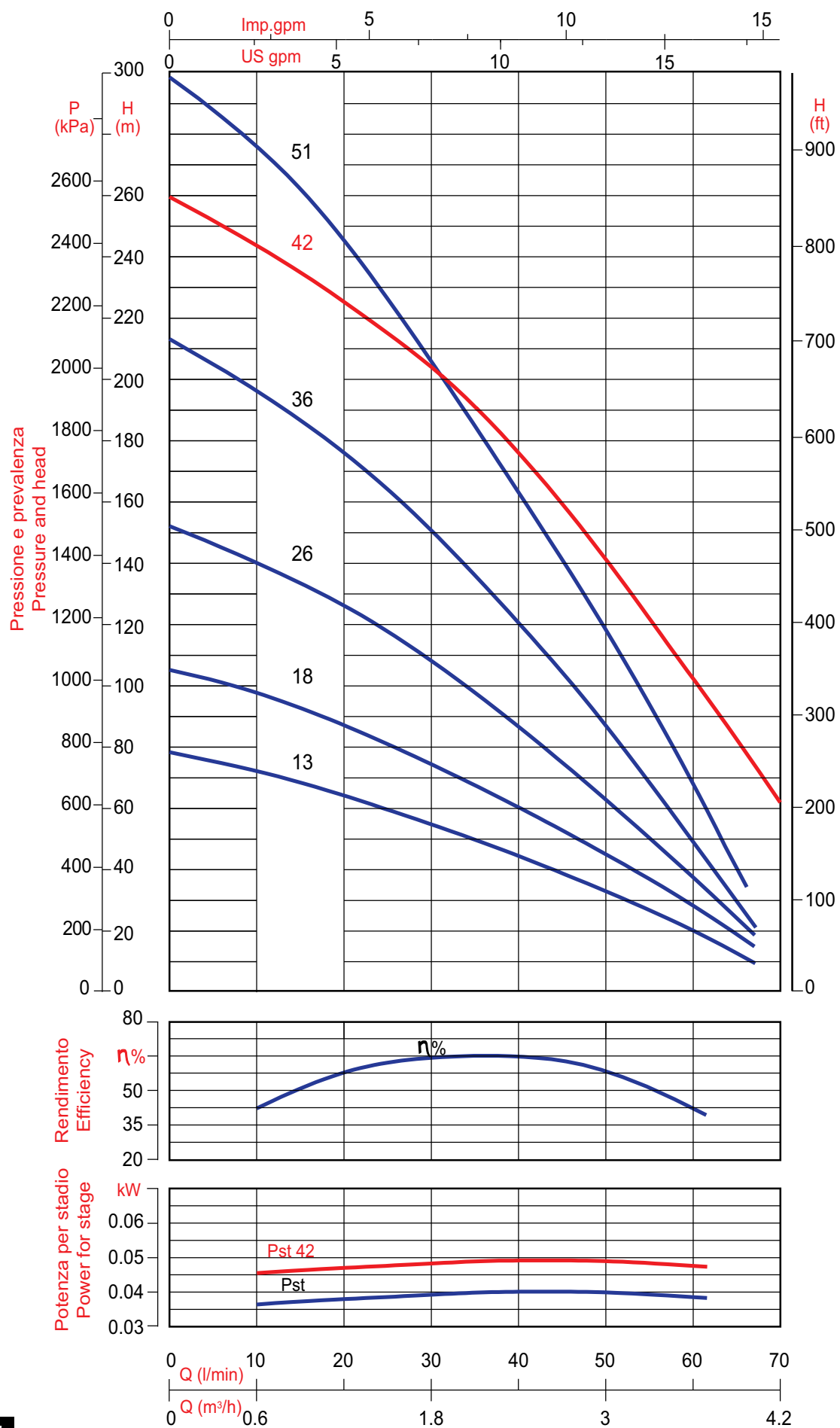
"S410-S415"



"R404-R406-R407"

Curve caratteristiche 2 poli/50Hz

Performance curves 2 poles/50Hz



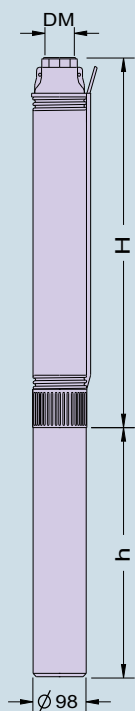
404



2 poli/50Hz

2 poles/50Hz

TIPO - TYPE		DATI FUNZIONAMENTO MOTORE MOTOR OPERATING DATA						DATI IDRAULICI - HYDRAULIC DATA						
MONOFASE SINGLE - PHASE 230 V 50 Hz	TRIFASE THREE - PHASE 400 V 50 Hz	POTENZA POWER		CORRENTE CURRENT		CONDENSATORE CAPACITOR		PORTATA CAPACITY						
								Q(l/min) 0	10	20	30	40	50	60
		HP	kW	A 1x230 V	A 3x400 V	μF	Vc	Q(m³/h) 0	0.6	1.2	1.8	2.4	3	3.6
								H=prevalenza totale in m.c.a. H=total head w.c.m.						
R404-13 07M	R404-13 07T	0.75	0.5	5	1.6	20	450	88	71	64	54	43	32	20
R404-18 10M	R404-18 10T	1	0.75	6.5	2.2	30	450	104	98	87	76	60	43	28
R404-26 15M	R404-26 15T	1.5	1.1	9.4	3.2	40	450	150	140	125	108	88	62	35
R404-36 20M	R404-36 20T	2	1.5	11.2	4.1	50	450	216	198	176	150	120	86	50
R404-42 30M	R404-42 30T	3	2.2	15.1	5.8	70	450	260	244	225	203	175	140	102
R404-51 30M	R404-51 30T	3	2.2	15.1	5.8	70	450	300	277	245	206	164	120	70



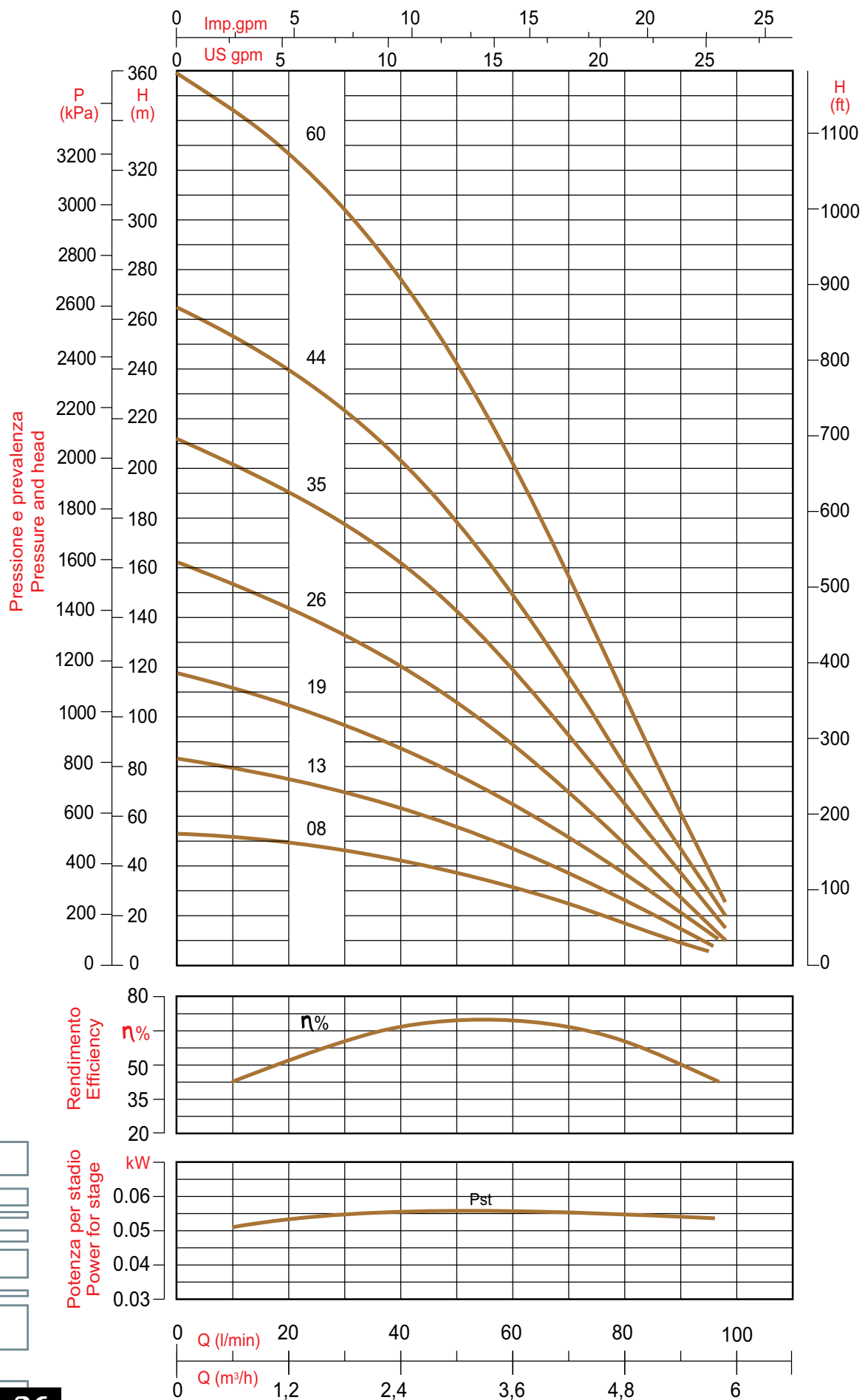
Dimensioni e pesi

Dimensions and weights

TIPO - TYPE		N. STADI STAGES	POMPA PUMP		MOTORE MOTOR 1X230 V		MOTORE MOTOR 3X400 V		DM
MONOFASE SINGLE - PHASE 230 V 50 Hz	TRIFASE THREE - PHASE 400 V 50 Hz		H	kg	h	kg	h	kg	
R404-13 07M	R404-13 07T	13	681	6	375	8.7	345	7.5	G1 1/4
R404-18 10M	R404-18 10T	18	846	7.6	390	9.9	375	9.6	
R404-26 15M	R404-26 15T	26	1190	10.6	440	11.9	395	9.9	
R404-36 20M	R404-36 20T	36	1523	12.8	485	13.7	440	11.5	
R404-42 30M	R404-42 30T	42	1720	14	500	15	485	14.2	
R404-51 30M	R404-51 30T	51	2010	15.7	500	15	485	14.2	

Curve caratteristiche 2 poli/50Hz

Performance Curves 2 poles/50Hz



R406



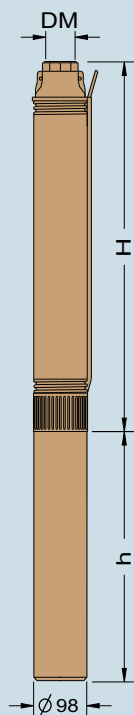
Caratteristiche

Performances

2 poli/50Hz

2 poles/50Hz

TIPO - TYPE		DATI FUNZIONAMENTO MOTORE MOTOR OPERATING DATA						DATI IDRAULICI - HYDRAULIC DATA						
MONOFASE SINGLE - PHASE 230 V 50 Hz	TRIFASE THREE - PHASE 400 V 50 Hz	POTENZA POWER		CORRENTE CURRENT		CONDENSATORE CAPACITOR		PORTATA CAPACITY						
								Q(l/min) 0	30	40	50	60	70	90
		HP	kW	A 1x230 V	A 3x400 V	µF	Vc	Q(m³/h) 0	1.8	2.4	3	3.6	4.2	5.4
								H=prevalenza totale in m.c.a. H=total head w.c.m.						
R406-08 07M	R406-08 07T	0.75	0.5	5	1.6	20	450	53	46	42	37	32	25	9
R406-13 10M	R406-13 10T	1	0.75	6.5	2.2	30	450	83	70	63	56	48	37	15
R406-19 15M	R406-19 15T	1.5	1.1	9.4	3.2	40	450	117	99	88	78	65	52	24
R406-26 20M	R406-26 20T	2	1.5	11.2	4.1	50	450	162	134	121	107	91	71	28
R406-35 30M	R406-35 30T	3	2.2	15.1	5.8	70	450	212	179	163	144	122	94	38
	R406-44 40T	4	3		7.2			265	224	204	179	150	116	48
	R406-60 50T	5.5	4		9.5			359	305	278	244	205	158	60



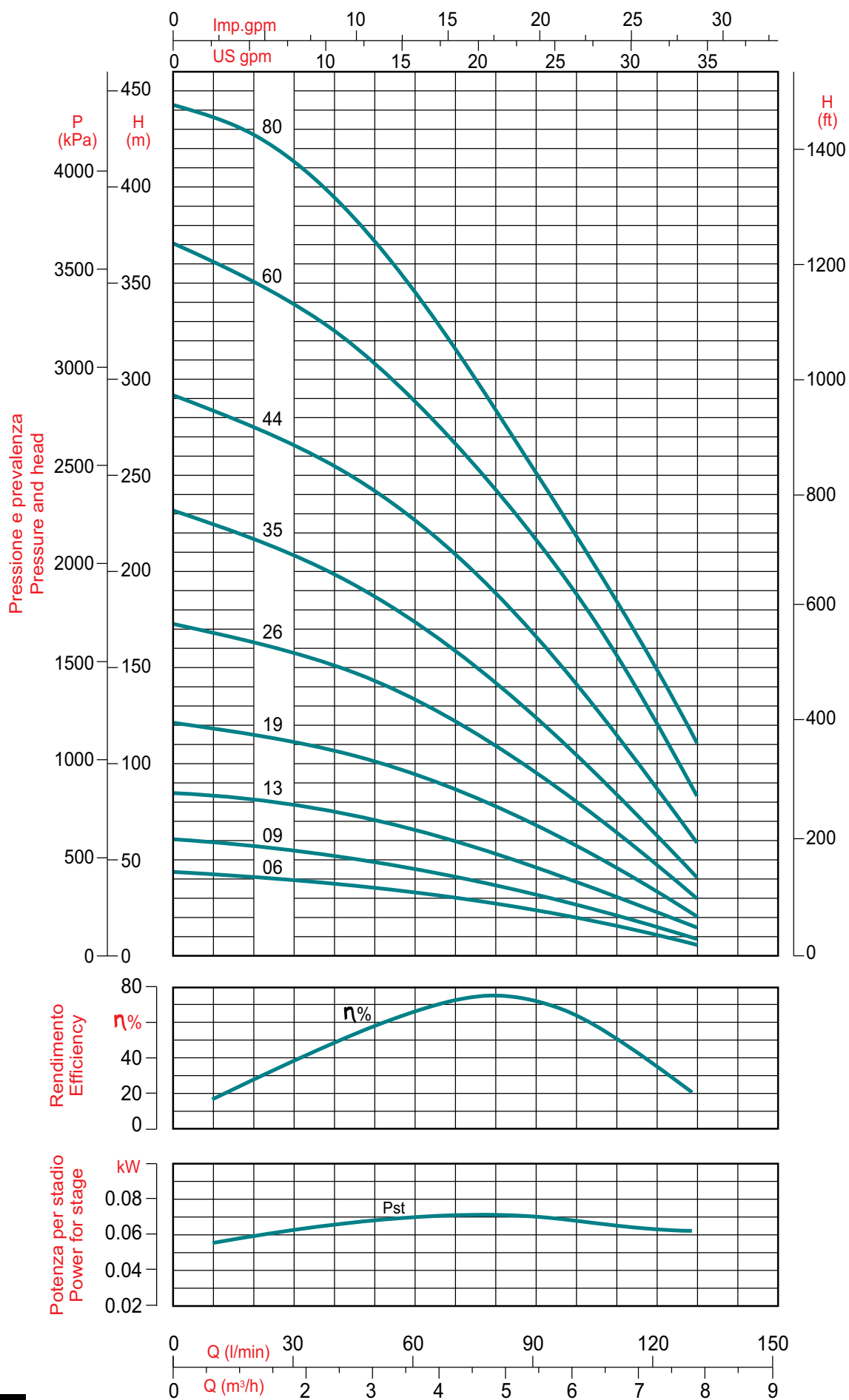
Dimensioni e pesi

Dimensions and weights

TIPO - TYPE		N. STADI STAGES	POMPA PUMP		MOTORE MOTOR 1x230 V		MOTORE MOTOR 3x400 V		DM
MONOFASE SINGLE - PHASE	TRIFASE THREE - PHASE		H	kg	h	kg	h	kg	
230 V 50 Hz	400 V 50 Hz								
R406- 08 07M	R406-08 07T	8	518	5.4	375	8.7	345	7.5	G1 1/4
R406-13 10M	R406-13 10T	13	680	6.6	390	9.9	375	9.6	
R406-19 15M	R406-19 15T	19	879	7.6	440	11.9	395	10.9	
R406-26 20M	R406-26 20T	26	1195	10.6	485	13.7	440	11.5	
R406-35 30M	R406-35 30T	35	1489	12	500	15	485	14.2	
	R406-44 40T	44	1879	14.5			560	18.8	
	R406-60 50T	60	2477	18.5			630	21	

Curve caratteristiche 2 poli/50Hz

Performance curves 2 poles/50Hz



R407



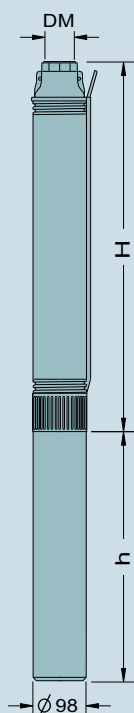
Caratteristiche

Performances

2 poli/50Hz

2 poles/50Hz

TIPO - TYPE		DATI FUNZIONAMENTO MOTORE MOTOR OPERATING DATA						DATI IDRAULICI - HYDRAULIC DATA						
MONOFASE SINGLE - PHASE 230 V 50 Hz	TRIFASE THREE - PHASE 400 V 50 Hz	POTENZA POWER		CORRENTE CURRENT		CONDENSATORE CAPACITOR		PORTATA - CAPACITY						
		HP	kW	A 1x230 V	A 3x400 V	μF	Vc	Q(l/min) 0	30	50	70	90	110	130
								Q(m³/h) 0	1.8	3	4.2	5.4	6.6	7.8
								H=prevalenza totale in m.c.a. H=total head w.c.m.						
R407-06 07M	R407-06 07T	0.75	0.5	5	1.6	20	450	44	41	37	32	25	21	6
R407-09 10M	R407-09 10T	1	0.75	6.5	2.2	30	450	61	57	50	42	33	22	9
R407-13 15M	R407-13 15T	1.5	1.1	9.4	3.2	40	450	85	82	71	61	48	31	15
R407-19 20M	R407-19 20T	2	1.5	11.2	4.1	50	450	121	112	102	86	67	47	20
R407-26 30M	R407-26 30T	3	2.2	15.1	5.8	70	450	173	159	145	123	96	66	30
	R407-35 40T	4	3		7.2			232	211	188	159	126	85	41
	R407-44 50T	5.5	4		9.5			292	268	244	211	168	116	59
	R407-60 75T	7.5	5.5		13.4			371	343	311	269	220	164	88
	R407-80 100T	10	7.5		17			443	413	371	314	246	174	99



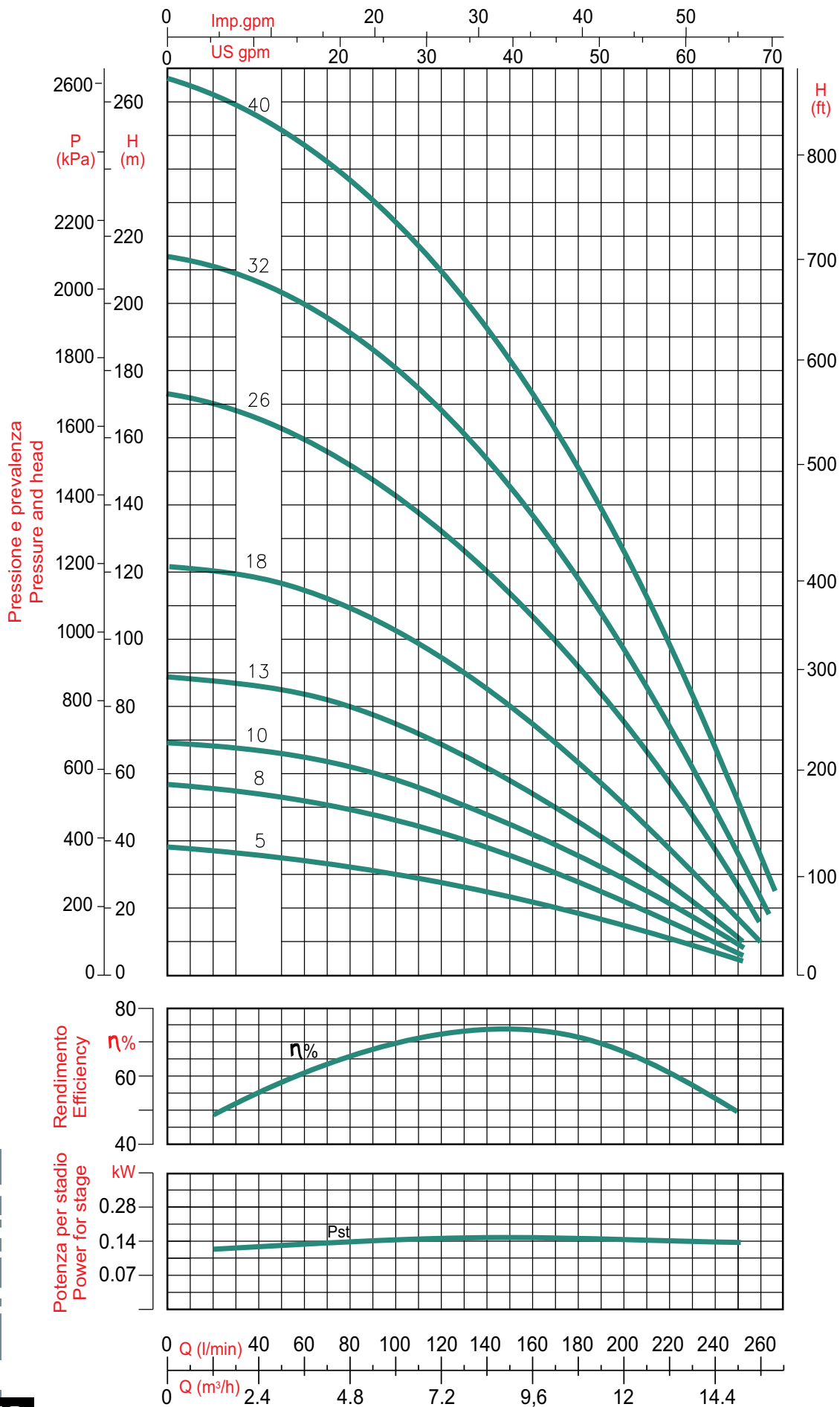
Dimensioni e pesi

Dimensions and weights

TIPO - TYPE		N. STADI STAGES	POMPA PUMP		MOTORE MOTOR 1X230 V		MOTORE MOTOR 3X400 V		DM
MONOFASE SINGLE - PHASE 230 V 50 Hz	TRIFASE THREE - PHASE 400 V 50 Hz		H	kg	h	kg	h	kg	
R407-06 07M	R407-06 07T	06	452	4.5	375	7.5	345	7.5	G1 1/4
R407-09 10M	R407-09 10T	09	547	5.4	390	9.9	375	9.6	
R407-13 15M	R407-13 15T	13	683	6.6	440	11.9	395	10.9	
R407-19 20M	R407-19 20T	19	879	7.6	485	13.8	440	11.5	
R407-26 30M	R407-26 30T	26	1195	10	500	15	485	14.2	
	R407-35 40T	35	1489	12			560	18.8	
	R407-44 50T	44	1879	14.4			630	21	
	R407-60 75T	60	2477	18.5			685	25.7	
	R407-80 100T	80	3152	25.5			780	29	

Curve caratteristiche 2 poli/50Hz

Performance curves 2 poles/50Hz



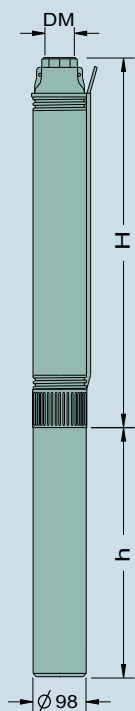
S410



2 poli/50Hz

2 poles/50Hz

TIPO - TYPE		DATI FUNZIONAMENTO MOTORE MOTOR OPERATING DATA						DATI IDRAULICI - HYDRAULIC DATA						
MONOFASE SINGLE - PHASE 230 V 50 Hz	TRIFASE THREE - PHASE 400 V 50 Hz	POTENZA POWER		CORRENTE CURRENT		CONDENSATORE CAPACITOR		PORTATA - CAPACITY						
		HP	kW	A 1x230 V	A 3x400 V	μF	Vc	Q(l/min)0	50	90	130	170	210	250
								Q(m³/h)0	3	5.4	7.8	10.2	12.6	15
								H=prevalenza totale in m.c.a. H=total head w.c.m.						
S410-05 10M	S410-05 10T	1	0.75	6.5	2.2	30	450	37	35	31	26	19	13	4
S410-08 15M	S410-08 15T	1.5	1.1	9.4	3.2	40	450	56	53	47	41	13	18	6
S410-10 20M	S410-10 20T	2	1.5	11.2	4.1	50	450	67	64	59	49	36	24	8
S410-13 30M	S410-13 30T	3	2.2	15.1	5.8	70	450	89	84	77	65	49	32	12
	S410-18 40T	4	3		7.2			122	116	106	89	68	43	16
	S410-26 50T	5.5	4		9.5			172	162	147	126	98	66	27
	S410-32 75T	7.5	5.5		13.4			214	202	185	161	127	86	36
	S410-40 100T	10	7.5		17			266	250	229	199	161	111	51



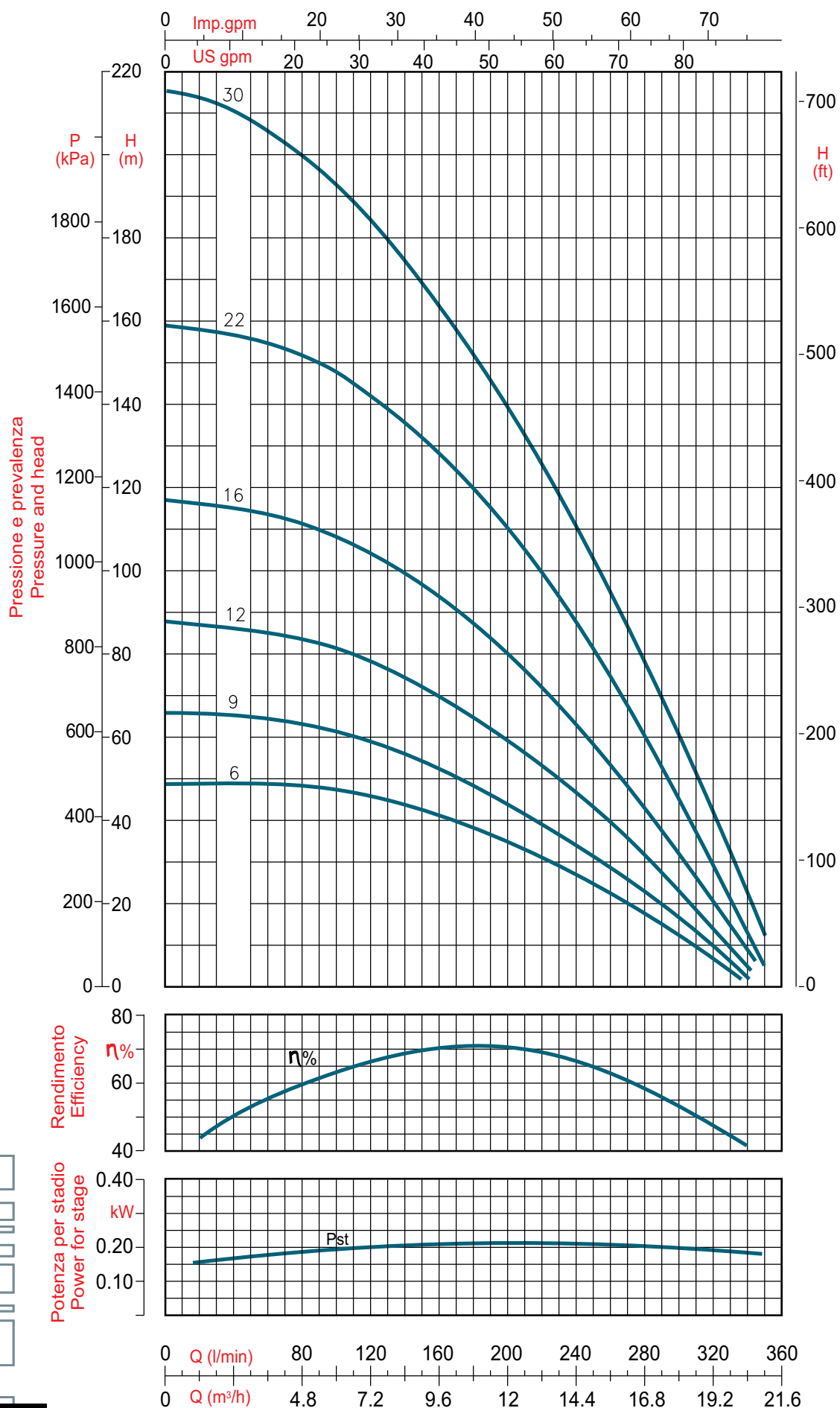
Dimensioni e pesi

Dimensions and weights

TIPO - TYPE		N. STADI STAGES	POMPA PUMP		MOTORE MOTOR 1X230 V		MOTORE MOTOR 3X400 V		DM
MONOFASE SINGLE - PHASE 230 V 50 Hz	TRIFASE THREE - PHASE 400 V 50 Hz		H	kg	h	kg	h	kg	
S410-05 10M	S410-05 10T	5	536	5.3	390	9.9	375	9.6	G 2
S410-08 15M	S410-08 15T	8	689	5.8	440	11.9	395	9.9	
S410-10 20M	S410-10 20T	10	781	6.6	485	13.7	440	11.5	
S410-13 30M	S410-13 30T	13	944	7.2	500	15	485	14.2	
	S410-18 40T	18	1289	9.5			560	18.8	
	S410-26 50T	26	1696	12			630	21	
	S410-32 75T	32	2002	13.8			685	25.7	
	S410-40 100T	40	2504	16.9			780	29	

Curve caratteristiche 2 poli/50Hz

Performance curves 2 poles/50Hz



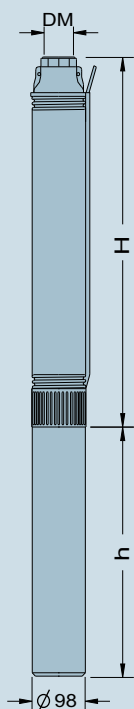
S415



2 poli/50Hz

2 poles/50Hz

TIPO - TYPE		DATI FUNZIONAMENTO MOTORE MOTOR OPERATING DATA						DATI IDRAULICI - HYDRAULIC DATA						
MONOFASE SINGLE - PHASE 230 V 50 Hz	TRIFASE THREE - PHASE 400 V 50 Hz	POTENZA POWER		CORRENTE CURRENT		CONDENSATORE CAPACITOR		PORTATA CAPACITY						
								Q(l/min)0	100	150	200	250	300	350
		HP	kW	A 1x230 V	A 3x400 V	µF	Vc	Q(m³/h) 0	6	9	12	15	18	21
								H=prevalenza totale in m.c.a. H=total head						
S415-06 20M	S415-06 20T	2	1.5	11.2	4.1	50	450	48	47	45	35	24	14	
S415-09 30M	S415-09 30T	3	2.2	15.1	5.8	70	450	66	60	55	47	33	18	1
	S415-12 40T	4	3		7.8			88	82	73	59	44	26	3
	S415-16 50T	5.5	4		9.5			117	109	98	79	57	33	4
	S415-22 75T	7.5	5.5		13.4			159	148	134	110	80	47	6
	S415-30 100 T	10	7.5		17			215	194	170	140	103	60	13



Dimensioni e pesi

Dimensions and weights

TIPO - TYPE		N. STADI STAGES	POMPA PUMP		MOTORE MOTOR 1X230 V		MOTORE MOTOR 3X400 V		DM
MONOFASE SINGLE - PHASE 230 V 50 Hz	TRIFASE THREE - PHASE 400 V 50 Hz		H	kg	h	kg	h	kg	
S415- 06 20M	S415-06 20T	6	483	6.4	485	13.7	440	11.5	G 2
S415-09 30M	S415-09 30T	9	710	6.6	500	15	485	14.2	
	S415-12 40T	12	893	7			560	18.8	
	S415-16 50T	16	1196	9.8			630	21	
	S415-22 75T	22	1501	10.8			685	25.7	
	S415-30 100 T	30	1910	14.5			780	29	

Elettropompe centrifughe sommerse per pozzi da 6"
Centrifuge submersible pumps for well of 6"
CONSTRUZIONE

Sono elettropompe centrifughe sommerse per pozzi da 6", con giranti radiali e semiassiali, collegate al motore, tramite supporto d'aspirazione e giunto meccanico secondo norme NEMA. Il corpo pompa è serrato mediante tubo di acciaio inox.

- Valvola di non ritorno inserita nel corpo di mandata
- Corpo di mandata e supporto di aspirazione in ghisa grigia
- Boccola guida albero in acciaio inox
- Anelli di usura studiati per la lubrificazione e resistenza alle infiltrazioni di sabbia in acciaio inox
- Albero ampiamente dimensionato in acciaio inox
- Protezione cavo di alimentazione e griglia di aspirazione in acciaio inox
- Anello paracolpi per la protezione delle parti idrauliche in fase di avviamento, in acciaio inox
- A richiesta si possono avere pompe con attacco per motori da 4"

IMPIEGHI

Adatta per impianti idrici di approvvigionamento e pressurizzazione, da pozzi profondi in impieghi di:

- Sistema di rifornimento idrici per usi civili ed industriali
- Irrigazione a pioggia ed a scorrimento
- Impianti automatici antincendio UNI 9490 e 10779
- Impianti di sopraelevazione
- Applicazione industriale varia

LIQUIDI POMPATI

Chiari non aggressivi, non esplosivi e privi di sostanze solide e fibrose.

DATI DI FUNZIONAMENTO
Pompa

- Portate fino 54 m³/h
- Prevalenze fino a 708 m
- Diametro massimo di ingombro 144 mm
- Massima profondità di immersione 350 m
- Massima quantità di sabbia 50 g/m³
- Temperatura liquido pompato max +30°C
- Installazione verticale orizzontale e obliquo
- Attacco filettato G 2 1/2 - G 3
- Senso di rotazione antiorario visto dalla mandata

Motore

- Di tipo asincrono a due poli raffreddato ad acqua
- Flangia attacco NEMA da 6"
- Tensione Trifase 380 V / 415 V
- Massima deviazione rispetto alla tensione nominale +6% - 10%
- Avviamenti orari max 30 avv. diretti e 35 avv. Indiretti equamente distribuiti
- Frequenza 50 Hz
- Potenza fino a 45 kW
- Cavo in dotazione lunghezza 4 m
- Grado di protezione motore IP 68
- Isolamento classe F
- Protezione motori con relè termico secondo le norme VDE, classe di scatto (trip) 10 o 10A/ tempo di scatto <10s. a 5 x A
- Per altre caratteristiche dei motori vedere la sezione relativa in questo stesso catalogo

CONSTRUCTION

These are centrifuge submersible pumps for well of 6", with radial or semi-axial impeller, connected to the motor by intake support and mechanical coupling in accordance with norms NEMA. Pump body is tightened by tube in stainless steel.

- Check valve put in the delivery body
- Delivery body and intake support in gray iron
- Ferrule bearing that guides the shaft in stainless steel
- Wear-rings studied for lubrication and resistance to the infiltration of sand in stainless steel
- Shaft amply measured in stainless steel
- Protection of line cord strong and suction screen in stain-less steel
- Buffer rings for protection of the hydraulic parts, in starting stage, in stainless steel
- On request is possible to have pumps with connection to motors of 4"

USES

Suitable for waterworks of procurement and pressurization, by deep well, in uses of:

- System of hydric supplying for civil and industrial uses
- Irrigation at rain and at slip
- Automatic fire fighting plants UNI 9490 and 10779
- Superelevation plants
- Various industrial appliances

PUMPED LIQUIDS

Clear, not aggressive and not explosive, without solid or fibrous substances

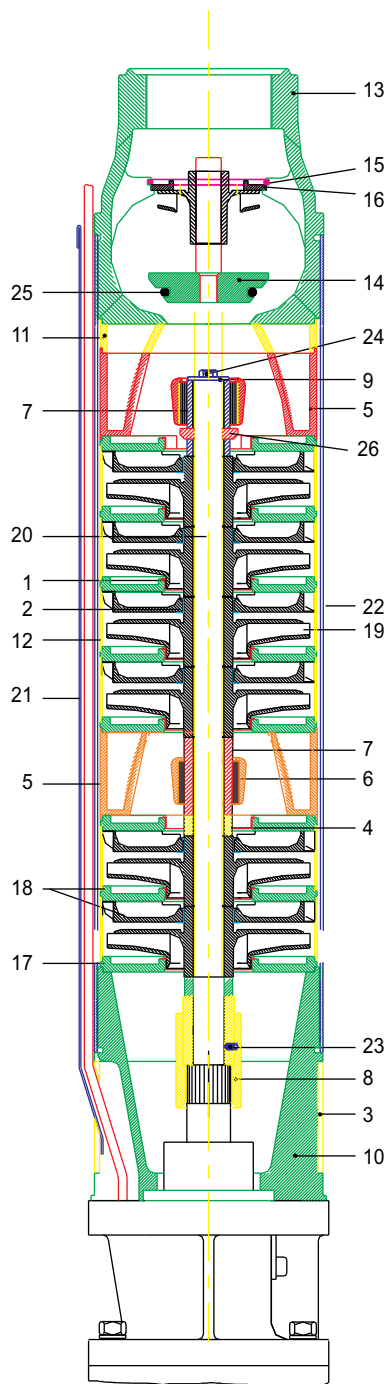
PERFORMANCE DATA
Pump

- Deliveries up to 54m³/h
- Heads up to 708 m
- Maximum bore crammed 144 mm
- Maximum depth of immersion 350 m
- Maximum quantity of sand 50 g/m³
- Maximum temperature of pumped liquid +30°C
- Vertical, horizontal and oblique installation
- Threaded connection G 2 1/2 - G 3
- Anticlockwise rotation seen from the discharge

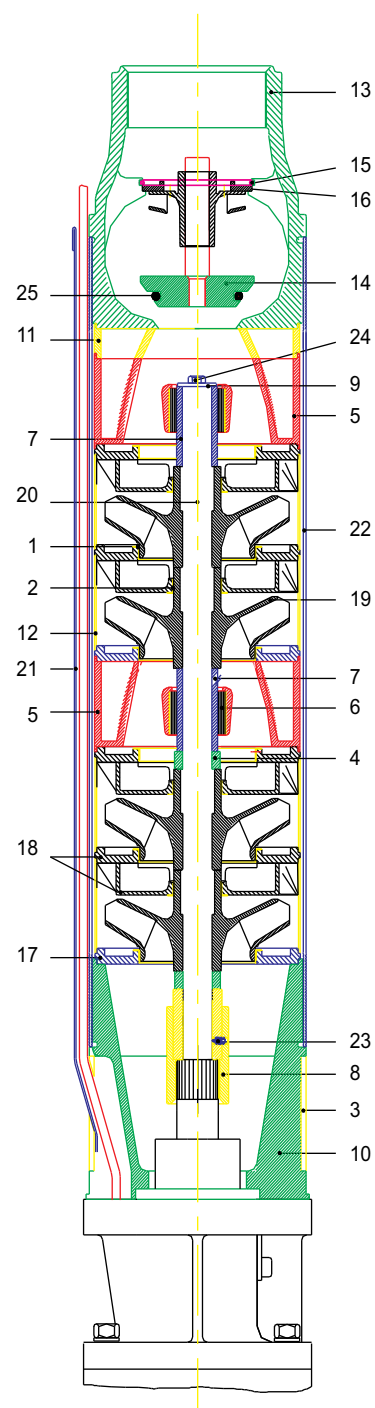
Motor

- Asynchronous type with two poles, cooled with water
- Connection flange NEMA of 6"
- Three - phase tension 380 V / 415 V
- Maximum deviation respect to the nominal tension +6% -10%
- Maximum hour direct starting 30, indirect starting 35, justly distributed
- Frequency 50 HZ
- Power up to 45 kW
- Cable in equipment length of 4m
- Protection's level of motor IP 68
- Class of segregation F
- Protection motors with thermal relay in accordance to norms VDE, class of trip 10 or 10A / time of trip <10s. to 5 x A
- For other characteristic of motors, take a look to the relative section in this same catalogue

N. Rif. N. Ref.	Descrizione Description	Materiale Material
1	Anello di rasamento bocchetta Routh shave ring	X5 Cr Ni 1810
2	Anello di rasamento mozzo Hub shavering	
3	Filtro di aspirazione Suction screen	
4	Boccola distanziale Distance ferrule	Policarbonato polycarbonate
5	Supporto Braket	
6	Cuscinetto bearing	Gomma nitrilica Nitrile rubber
7	Boccola ferrule	X20 Cr 13
8	Giunto Coupling	
9	Rondella Washer	X5 Cr Ni Mo 1712
10	Supporto aspirazione Aspiration break	GG 20 Cast iron
11	Convogliatore Conveyor	Policarbonato polycarbonate
12	Anello distanziale Spacer ring	X5 Cr Ni 1810
13	Corpo di mandata Delivery body	GG 20 Cast iron
14	Valvola Valve	
15	Anello seeger Seeger ring	X10 Cr Ni 1809
16	Rondella valvola Valve washer	Policarbonato Polycarbonate
17	Disco diffusore Diffuser disc	Policarbonato Polycarbonate
18	Diffusore diffuser	
19	Girante Impeller	
20	Albero Shaft	X10 Cr S 17
21	Ripara cavo Cable protection	X5 Cr Ni 1810
22	Camicia External housing	
23	Grano Dowel	
24	Bullone Bolt	Gomma acrilonitrica Acrylonitic rubber
25	Anello OR O-ring	
26	Rondella reggispinta Trust bearing washer	X10 Cr S17



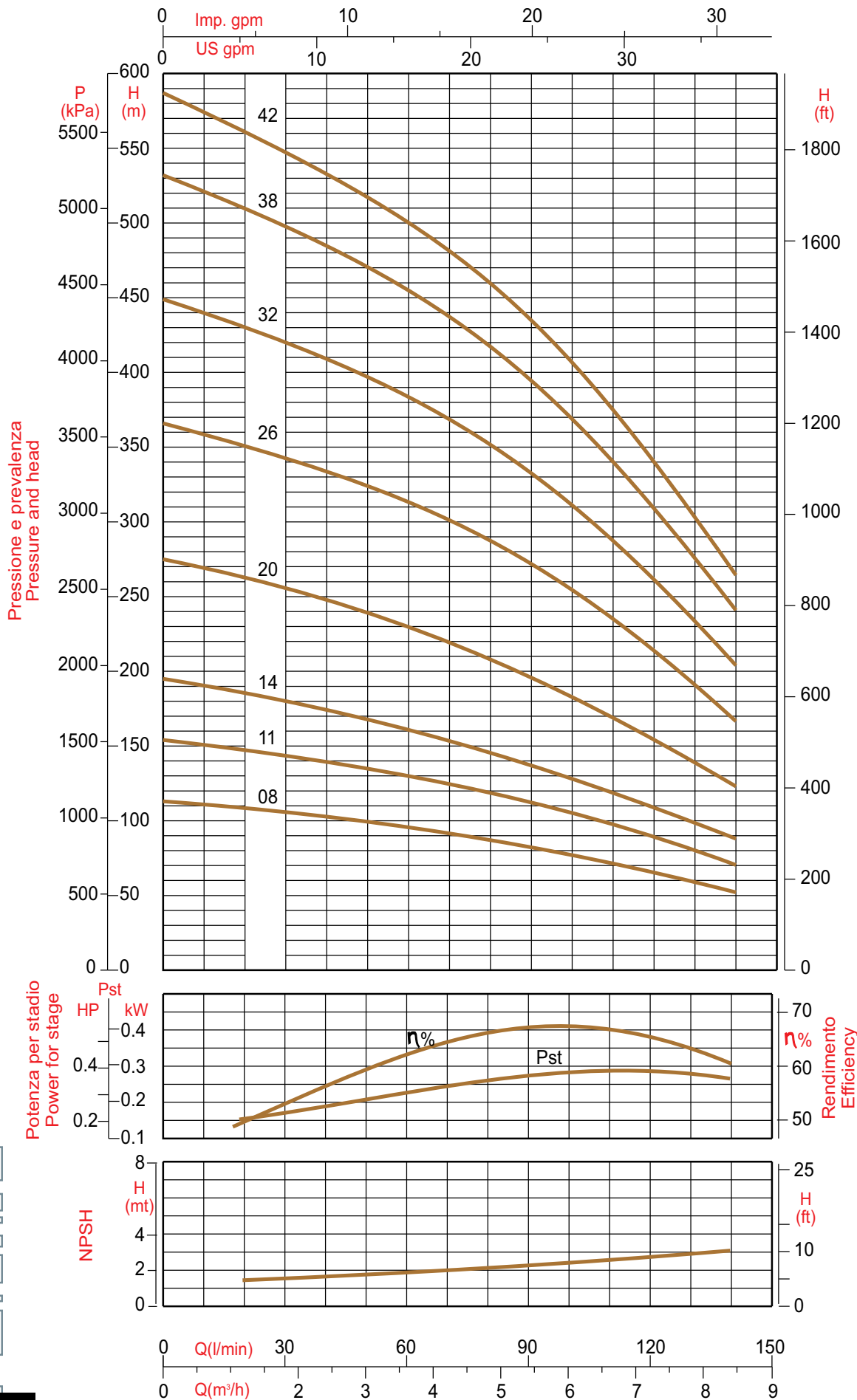
□R601-R605□



□R609-R612□

Curve caratteristiche 2 poli/50Hz

Performance curves 2 poles/50Hz



R601



Caratteristiche Performances

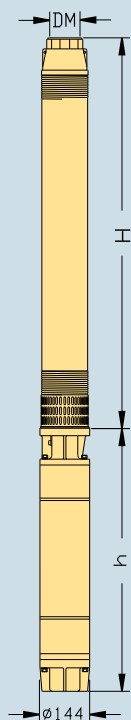
2 poli/50 Hz

2 poles/50 Hz

TIPO - TYPE	DATI FUNZIONAMENTO MOTORE MOTOR OPERATING DATA				DATI IDRAULICI - HYDRAULIC DATA													
TRIFASE THREE - PHASE 400 V 50 Hz	POTENZA POWER		CORRENTE CURRENT		PORTATA CAPACITY													
					Q(l/min) 0	20	30	40	50	60	70	80	90	100	110	120	140	
					Q(m³/h) 0	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6	6.6	7.2	8.4	
	HP	kW	A 3x220 V	A 3x400 V	H=prevalenza totale in m.c.a. H=total head w.c.m.													
R601-08 30*	3	2.2	11	5.8	113	108	106	103	99	96	92	88	84	80	73	66	52	
R601-11 40*	4	3	14	7.2	154	148	145	140	136	131	126	120	114	107	98	89	70	
R601-14 55	5.5	4	17	9.8	195	186	182	176	170	164	158	151	143	134	123	112	88	
R601-20 75	7.5	5.5	23	13	275	263	256	249	240	231	223	213	201	188	174	157	123	
R601-26 100	10	7.5	30	17	366	351	343	334	323	314	302	289	272	255	234	213	166	
R601-32 125	12.5	9.2	36	21	449	430	420	409	396	384	370	353	333	311	287	261	204	
R601-38 150	15	11	43	24	532	510	498	485	470	456	438	418	395	369	340	308	241	
R601-42 175	17.5	12.8	53	29	587	560	549	534	519	501	482	460	433	405	374	341	266	

Dimensioni e pesi

Dimensions and weights

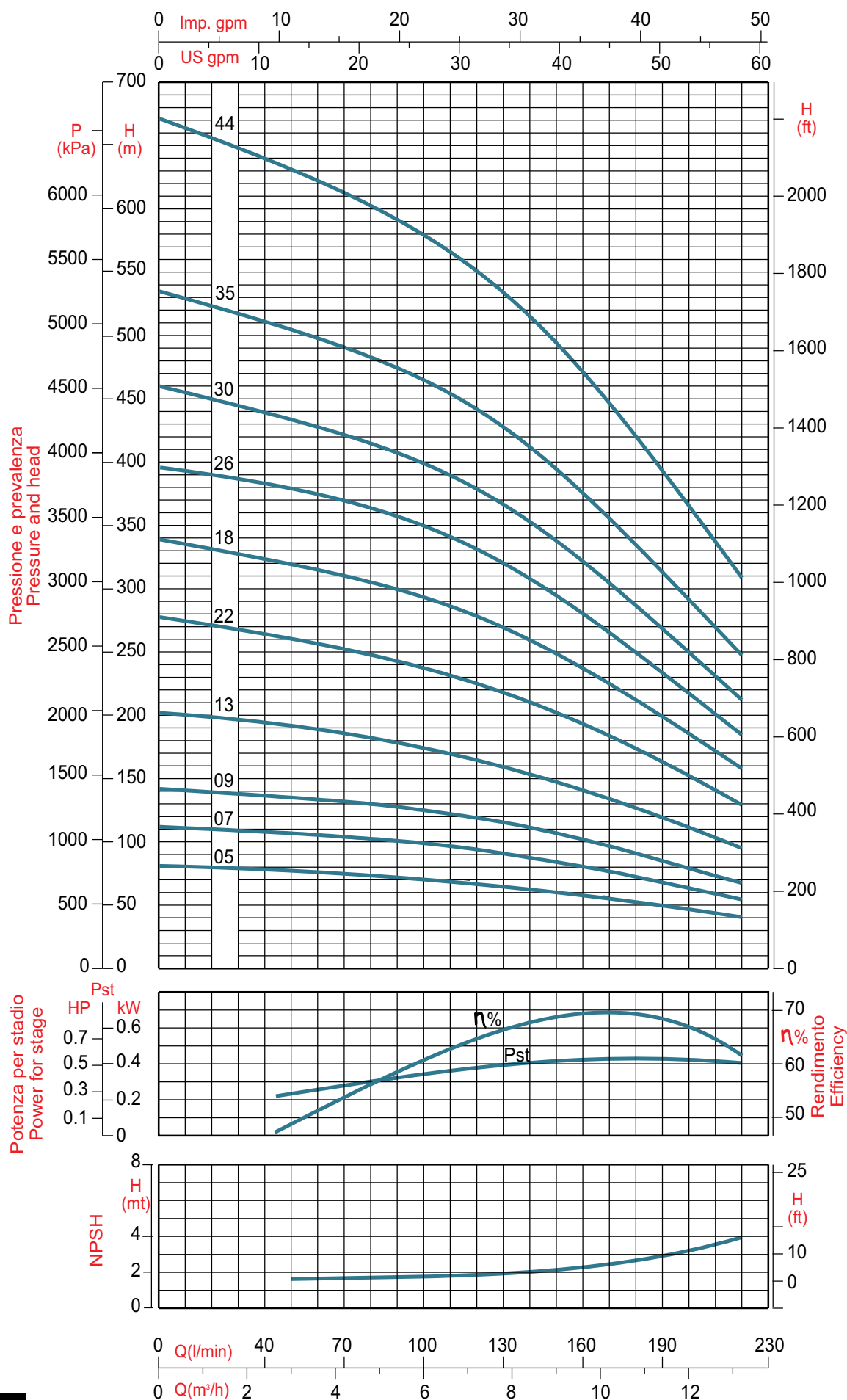


TIPO - TYPE	N. STADI STAGES	POMPA PUMP		MOTORE MOTOR		DM
		H	kg	h	kg	
R601-08 30*	08	630	19.5	485	13.8	G 2 1/2
R601-11 40*	11	793	20.4	560	17.3	
R601-14 55	14	916	21.3	581.2	37.5	
R601-20 75	20	1219	23.9	614.4	41.1	
R601-26 100	26	1465	31.3	646.2	45.2	
R601-32 125	32	1767	33.2	687.7	47.5	
R601-38 150	38	2019	35	711.2	50.9	
R601- 42 175	42	2177	36.3	776.2	56.7	

* motore 4" motor 4"

Curve caratteristiche 2 poli/50Hz

Performance curves 2 poles/50Hz



R 6003

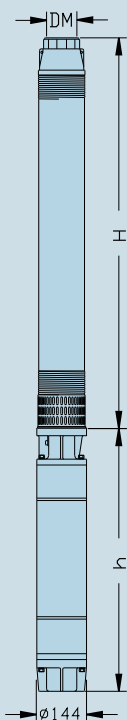


Caratteristiche Performances

2 poli/50Hz

2 poles/50Hz

TIPO - TYPE	DATI FUNZIONAMENTO MOTORE MOTOR OPERATING DATA				DATI IDRAULICI - HYDRAULIC DATA													
TRIFASE THREE - PHASE 400 V 50 Hz	POTENZA POWER		CORRENTE CURRENT		PORTATA CAPACITY													
	HP	kW	A 3x220 V	A 3x400 V	Q(l/min) 0	30	60	90	110	130	150	160	170	180	190	200	220	
					Q(m³/h) 0	1.8	3.6	5.4	6.6	7.8	9	9.6	10.2	10.8	11.4	12	13.2	
					H=prevalenza totale in m.c.a. H=total head w.c.m.													
R603-05 30*	3	2.2	11	5.8	81	80	77	74	71	66	62	59	56	53	50	47	40	
R603-07 40*	4	3	14	7.2	112	109	105	101	97	91	84	80	77	72	67	63	54	
R603-09 55	5.5	4	17	9.8	142	138	133	127	122	115	107	102	96	91	85	79	67	
R603-13 75	7.5	5.5	23	13	202	196	189	181	172	162	149	144	136	128	119	111	95	
R603-18 100	10	7.5	30	17	278	268	259	248	236	221	204	195	185	174	163	152	129	
R603-22 125	12.5	9.2	36	21	339	327	317	303	289	270	250	238	226	213	199	185	158	
R603-26 150	15	11	43	24	395	386	375	358	341	320	295	281	266	251	234	217	184	
R603-30 175	17.5	12.8	53	29	460	445	430	411	392	367	338	323	306	288	269	250	213	
R603-36 200	20	15	60	34	535	518	500	479	456	426	393	375	357	335	311	291	249	
R603-44 250	25	18.5	69	39	672	649	626	599	571	534	492	469	445	418	390	363	309	



Dimensioni e pesi

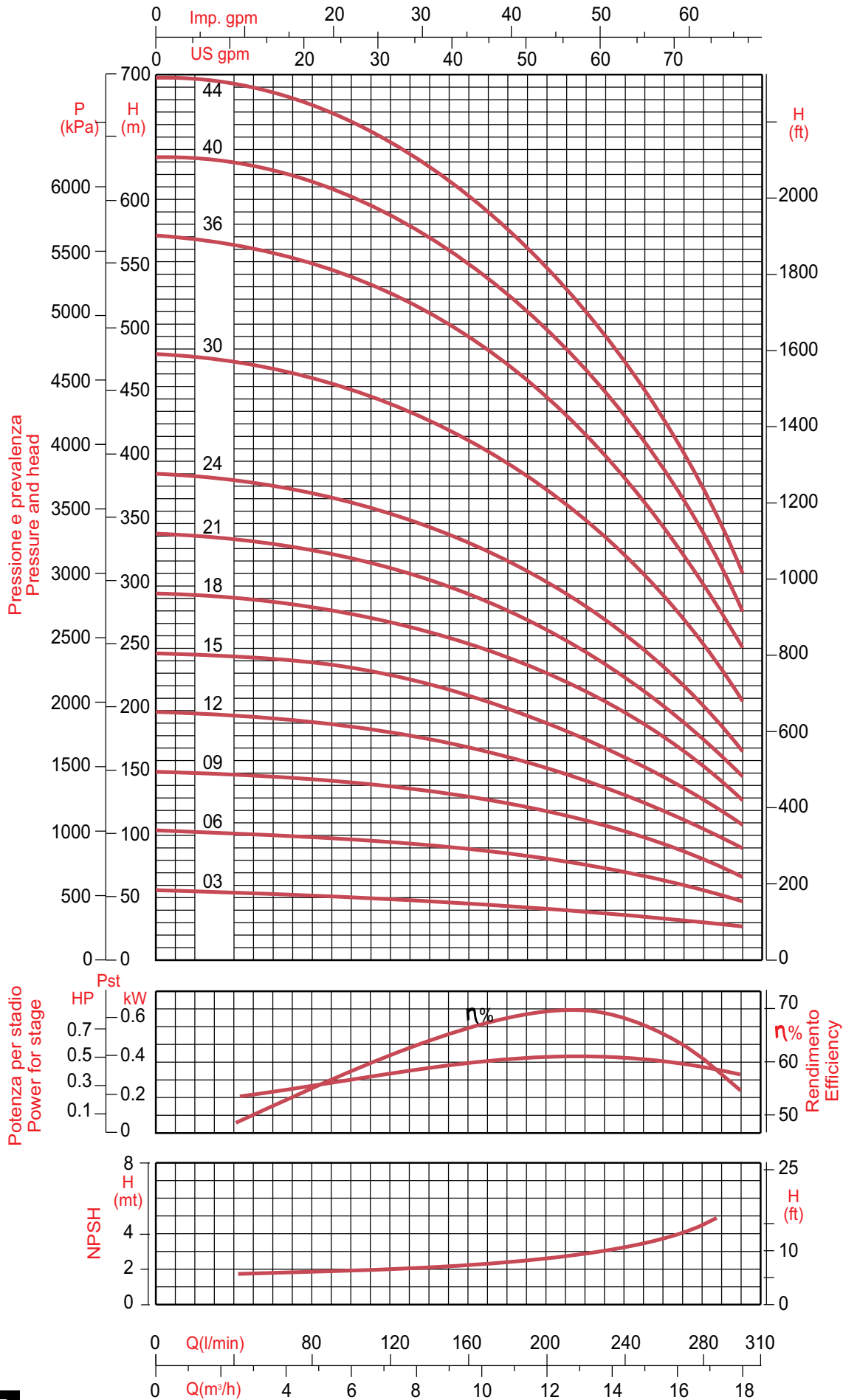
Dimensions and weights

TIPO - TYPE	N. STADI STAGES	POMPA PUMP		MOTORE MOTOR		DM
		H	kg	h	kg	
R603-05 30*	05	547	11	485	13.8	G 2 1/2
R603-07 40*	07	628	15.5	558	17.3	
R603-09 55	09	711	16.5	581.2	37.5	
R603-13 75	13	875	17.5	614.4	41.1	
R603-18 100	18	1137	22.4	646.2	45.2	
R603-22 125	22	1301	24	687.7	47.5	
R603-26 150	26	1465	26.4	711.2	50.9	
R603-30 175	30	1685	34.6	776.2	56.7	
R603-36 200	36	1931	36	776.2	56.7	
R603-44 250	44	2259	43	841.5	63.3	

* motore 4" motor 4"

Curve caratteristiche 2 poli/50Hz

Performance curves 2 poles/50Hz



R 605



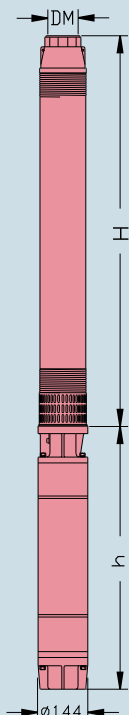
2 poli/50Hz

2 poles/50Hz

TIPO - TYPE	DATI FUNZIONAMENTO MOTORE MOTOR OPERATING DATA				DATI IDRAULICI - HYDRAULIC DATA													
TRIFASE THREE - PHASE 400 V 50 Hz	POTENZA POWER		CORRENTE CURRENT		PORTATA CAPACITY													
	HP	kW	A 3x220 V	A 3x400 V	Q(l/min) 0	40	80	100	120	140	160	180	200	220	240	270	300	
					Q(m³/h) 0	2.4	4.8	6	7.2	8.4	9.6	10.8	12	13.2	14.4	16.2	18	
					H=prevalenza totale in m.c.a.							H=total head w.c.m.						
R605-03 30*	3	2.2	11	5.8	56	54	53	52	51	50	48	46	43	39	37	32	26	
R605-06 55	5.5	4	17	9.8	103	101	99	97	95	92	88	84	79	74	69	59	47	
R605-09 75	7.5	5.5	23	13	151	149	146	144	139	135	129	123	115	108	100	85	67	
R605-12 100	10	7.5	30	17	199	197	192	189	184	178	171	163	154	143	133	112	90	
R605-15 125	12.5	9.2	36	21	246	243	239	234	228	221	212	202	189	176	162	137	109	
R605-18 150	15	11	43	24	294	291	287	281	273	264	253	241	226	210	194	164	128	
R605-21 175	17.5	12.8	53	29	342	337	330	325	318	307	294	280	262	245	226	190	147	
R605-24 200	20	15	60	34	390	386	379	372	362	350	335	318	299	279	257	217	168	
R605-30 250	25	18.5	69	39	486	481	472	463	451	436	418	397	371	347	320	271	209	
R605-36 300	30	22	79	46	581	575	565	555	539	521	500	474	446	415	382	325	252	
R605-40 350	35	26	93	56	644	642	628	616	600	582	560	532	500	465	427	363	280	
R605-44 400	40	30	108	63	708	706	692	679	663	641	615	584	548	509	469	400	310	

Dimensioni e pesi

Dimensions and weights

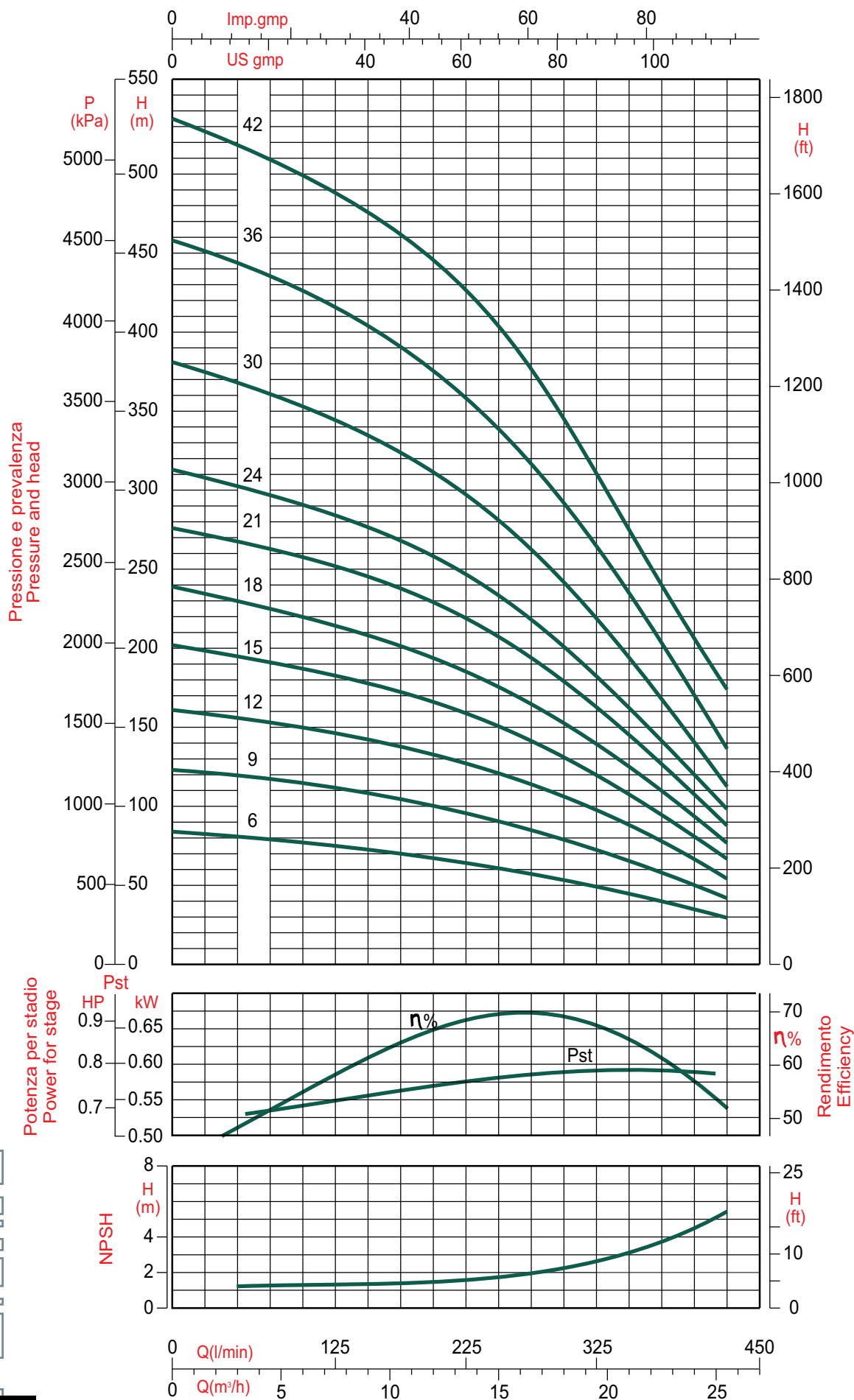


TIPO - TYPE	N. STADI STAGES	POMPA PUMP		MOTORE MOTOR		DM
		H	kg	h	kg	
R605-03 30*	03	465	14	485	13.8	G 2 1/2
R605-06 55	06	586	15.8	581.2	37.5	
R605-09 75	09	711	17	614.4	41.1	
R605-12 100	12	834	18.5	646.2	45.2	
R605-15 125	15	957	20	687.7	47.5	
R605-18 150	18	1134	22.5	711.2	50.9	
R605-21 175	21	1260	24	776.2	56.7	
R605-24 200	24	1383	26	776.2	56.7	
R605-30 250	30	1685	34.5	841.5	63.3	
R605-36 300	36	1931	36	906.5	69.3	
R605-40 350	40	2095	38	1036.6	83.9	
R605-44 400	44	2259	43	1036.6	83.9	

* motore 4" motor 4"

Curve caratteristiche 2 poli/50Hz

Performance curves 2 poles/50Hz



R 6009

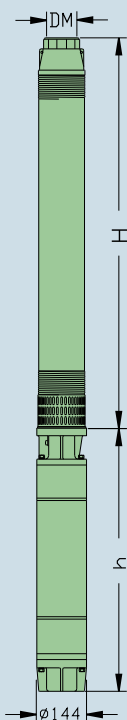


Caratteristiche Performances

2 poli/50Hz

2 poles/50Hz

TIPO - TYPE	DATI FUNZIONAMENTO MOTORE MOTOR OPERATING DATA				DATI IDRAULICI - HYDRAULIC DATA													
TRIFASE THREE - PHASE 400 V 50 Hz	POTENZA POWER		CORRENTE CURRENT		PORTATA CAPACITY													
	HP	kW	A 3x220 V	A 3x400 V	Q(l/min) 0	80	120	160	200	240	260	280	300	320	360	400	425	
					Q(m³/h) 0	4.8	7.2	9.6	12	14.4	15.6	16.8	18	19.2	21.6	24	25.5	
					H=prevalenza totale in m.c.a. H=total head w.c.m.													
R609-06 55	5.5	4	17	9.8	85	80	77	74	71	65	61	58	54	50	43	35	30	
R609-09 75	7.5	5.5	23	13	123	116	112	109	103	94	90	85	80	75	63	51	42	
R609-12 100	10	7.5	30	17	160	153	150	144	135	124	118	112	104	98	82	66	54	
R609-15 125	12.5	9.2	36	21	201	190	185	179	169	155	148	141	132	122	101	80	68	
R609-18 150	15	11	43	24	240	225	219	210	198	183	173	163	152	141	117	93	78	
R609-21 175	17.5	12.8	53	29	276	262	255	244	231	212	201	188	177	164	137	107	87	
R609-24 200	20	15	60	34	317	300	291	280	265	245	231	217	203	188	158	123	104	
R609-30 250	25	18.5	69	39	391	371	358	344	325	299	283	267	247	228	190	150	124	
R609-36 300	30	22	79	46	468	445	432	414	391	359	340	319	298	276	231	181	148	
R609-42 350	35	26	93	56	534	508	493	473	449	409	392	369	346	320	263	206	174	



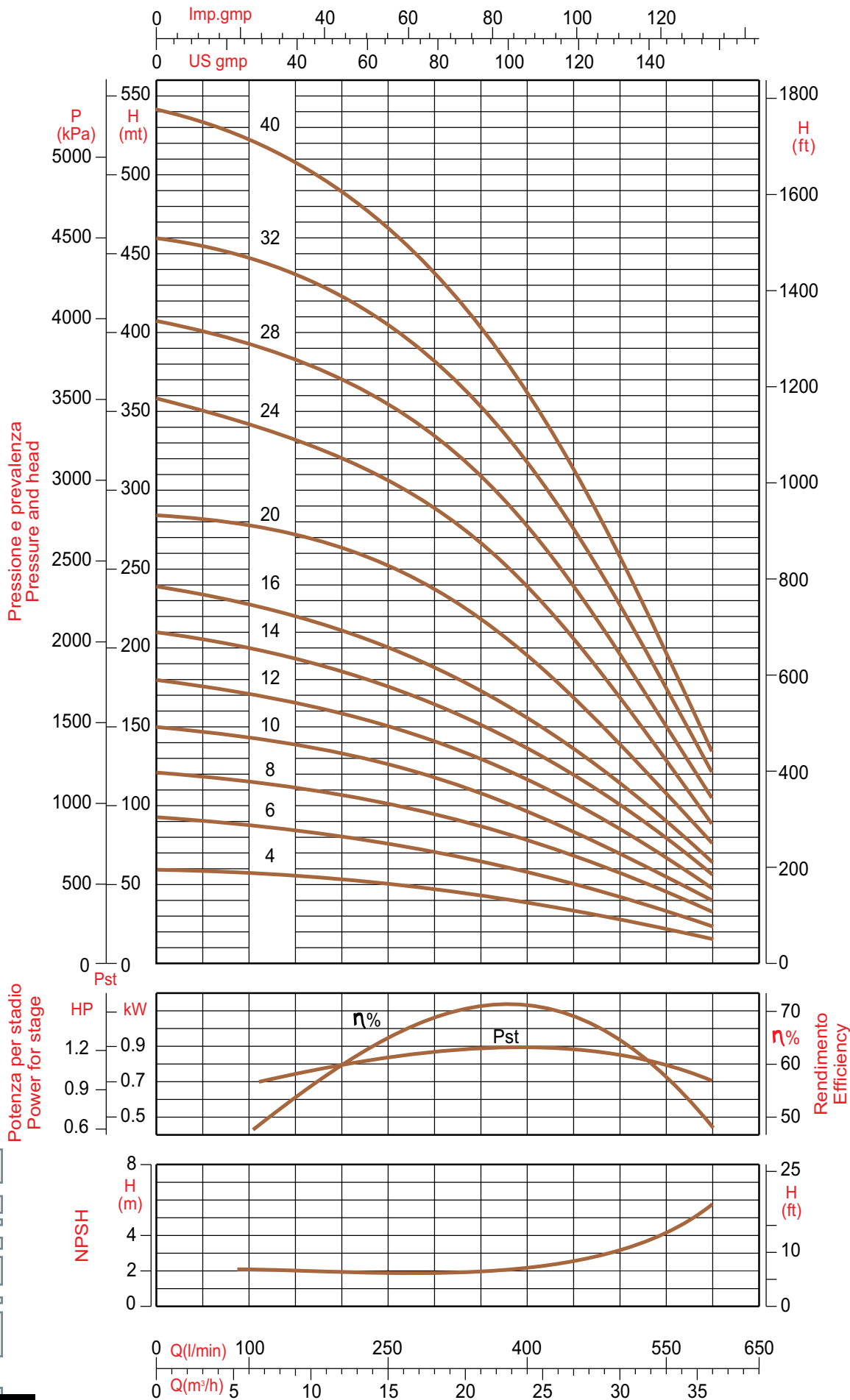
Dimensioni e pesi

Dimensions and weights

TIPO - TYPE	N. STADI STAGES	POMPA PUMP		MOTORE MOTOR		DM
		H	kg	h	kg	
R609-06 55	6	684	14.8	581.2	37.5	G 2 1/2
R609-09 75	9	854	17.6	614.4	41.1	
R609-12 100	12	1024	19.4	646.2	45.2	
R609-15 125	15	1254	22.6	687.7	47.5	
R609-18 150	18	1426	26	711.2	50.9	
R609-21 175	21	1597	28.5	776.2	56.7	
R609-24 200	24	1770	31	776.2	56.7	
R609-30 250	30	2166	40.6	841.5	63.3	
R609-36 300	36	2504	44.5	906.5	69.3	
R609-42 350	42	2849	50.4	1036.6	83.9	

Curve caratteristiche 2 poli/50Hz

Performance curves 2 poles/50Hz



R610

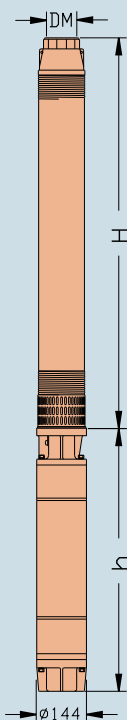


Caratteristiche Performances

2 poli/50Hz

2 poles/50Hz

TIPO - TYPE	DATI FUNZIONAMENTO MOTORE MOTOR OPERATING DATA				DATI IDRAULICI - HYDRAULIC DATA													
TRIFASE THREE - PHASE 400 V 50 Hz	POTENZA POWER		CORRENTE CURRENT		PORTATA CAPACITY													
	HP	kW	A 3x220 V	A 3x400 V	Q(l/min) 0	140	180	220	280	320	360	400	440	480	520	560	600	
					Q(m³/h) 0	8.4	10.8	13.2	16.8	19.2	21.6	24	26.4	28.8	31.2	33.6	36	
					H=prevalenza totale in m.c.a.							H=total head w.c.m.						
R610-04 55	5.5	4	17	9.8	59	56	55	53	51	49	44	40	35	31	25	20	15	
R610-06 75	7.5	5.5	23	13	93	86	82	80	75	71	66	60	54	46	37	31	23	
R610-08 100	10	7.5	30	17	121	113	109	106	98	93	86	79	70	61	51	42	32	
R610-10 125	12.5	9.2	36	21	149	139	135	130	122	114	106	97	85	76	63	52	40	
R610-12 150	15	11	43	24	179	167	161	156	147	139	126	115	104	91	77	63	48	
R610-14 175	17.5	12.8	53	29	210	196	190	182	170	159	148	135	122	106	90	75	57	
R610-16 200	20	15	60	34	237	223	216	208	195	183	170	154	138	121	103	85	64	
R610-20 250	25	18.5	69	39	284	270	266	259	243	230	213	195	172	150	127	101	76	
R610-24 300	30	22	79	46	358	333	326	316	297	281	260	236	210	182	153	120	87	
R610-28 350	35	26	93	56	408	385	375	363	343	326	304	277	245	213	177	140	104	
R610-32 400	40	30	108	63	458	439	429	416	392	372	347	316	281	242	203	161	121	
R610-40 500	50	37	134	79	542	516	501	482	450	423	395	362	322	278	232	183	134	



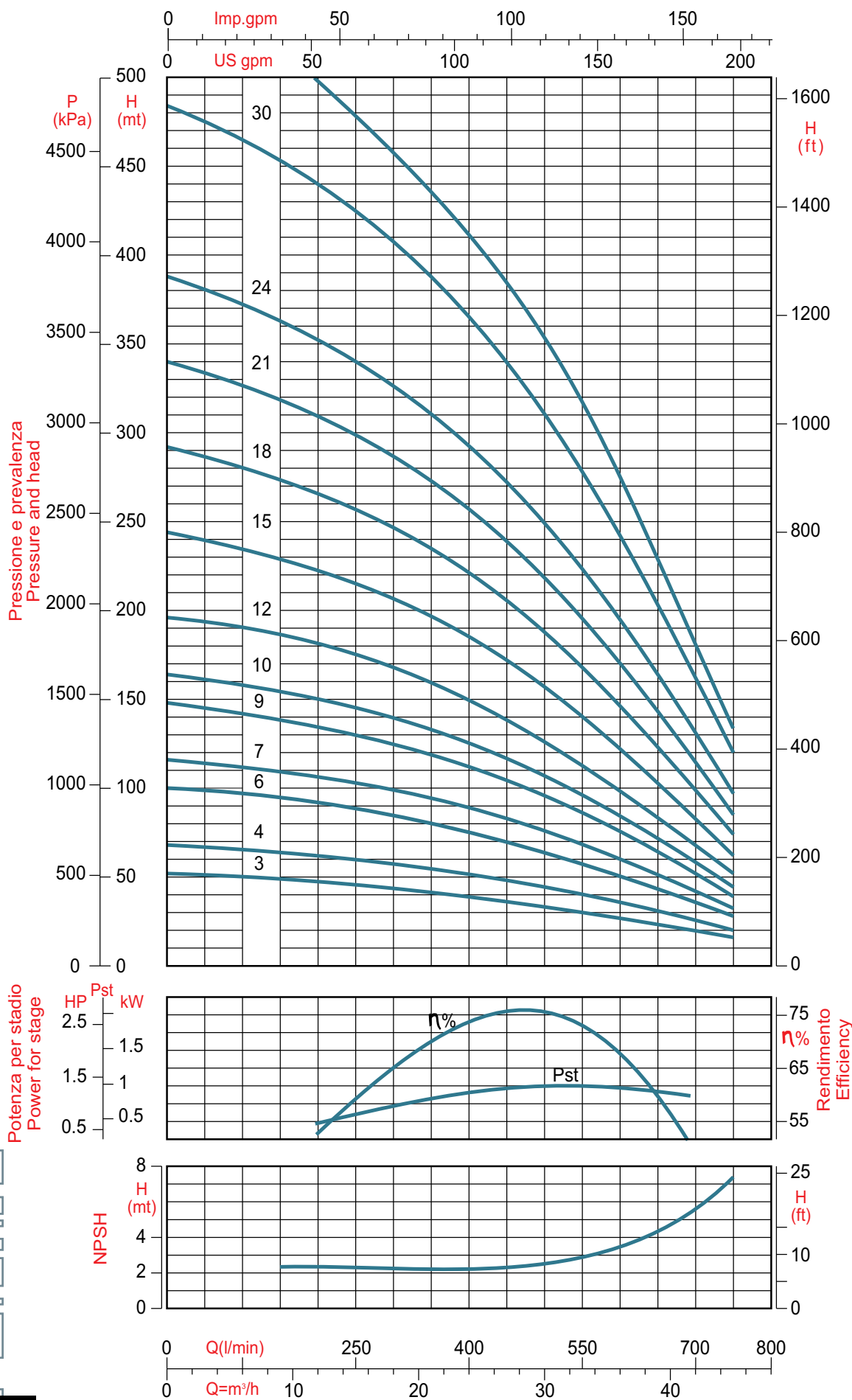
Dimensioni e pesi

Dimensions and weights

TIPO - TYPE	N. STADI STAGES	POMPA PUMP		MOTORE MOTOR		DM
		H	kg	h	kg	
R610-04 55	4	570	13	581.2	37.5	G 2 1/2
R610-06 75	6	684	14.8	614.4	41.1	
R610-08 100	8	797	16.2	646.2	45.2	
R610-10 125	10	911	18.7	687.7	47.5	
R610-12 150	12	1026	19.4	711.2	50.9	
R610-14 175	14	1140	21	776.2	56.7	
R610-16 200	16	1312	23.6	776.2	56.7	
R610-20 250	20	1540	27	841.5	63.3	
R610-24 300	24	1760	30	906.5	69.3	
R610-28 350	28	2050	39	1036.6	83.9	
R610-32 400	32	2277	42	1036.6	83.9	
R610-40 500	40	2734	47.8	1404.9	135	

Curve caratteristiche 2 poli/50Hz

Performance curves 2 poles/50Hz



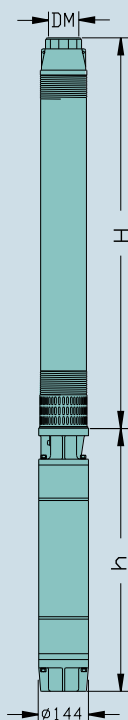
R61



2 poli/50Hz

2 poles/50Hz

TIPO - TYPE		DATI FUNZIONAMENTO MOTORE MOTOR OPERATING DATA			DATI IDRAULICI - HYDRAULIC DATA														
TRIFASE THREE - PHASE 400 V 50 Hz		POTENZA POWER		CORRENTE CURRENT		PORTATA CAPACITY													
						Q(l/min) 0	200	250	300	350	400	450	500	550	600	650	700	750	
		HP	kW	A 3x220 V	A 3x400 V	Q(m³/h) 0	12	15	18	21	24	27	30	33	36	39	42	45	
H=prevalenza totale in m.c.a.							H=total head w.c.m.												
R611-03 55		5.5	4	17	9.8	52	49	47	45	42	40	37	35	30	28	23	20	15	
R611-04 75		7.5	5.5	23	13	68	63	61	57	54	52	49	45	40	35	32	25	20	
R611-06 100		10	7.5	30	17	100	92	88	85	80	78	71	66	59	50	44	35	28	
R611-07 125		12.5	9.2	36	21	117	105	101	99	90	90	83	76	69	61	50	43	32	
R611-09 150		15	11	43	24	149	136	131	125	119	111	105	95	85	75	63	52	99	
R611-10 175		17.5	12.8	53	29	164	150	145	138	135	124	118	107	97	83	71	57	44	
R611-12 200		20	15	60	34	197	179	176	167	159	151	141	128	115	101	85	68	52	
R611-15 250		25	18.5	69	39	245	222	215	205	196	184	173	157	142	124	104	83	63	
R611-18 300		30	22	79	46	293	267	256	244	234	220	207	189	168	147	123	98	75	
R611-21 350		35	26	93	56	340	309	299	287	272	258	239	219	197	169	143	114	87	
R611-24 400		40	30	108	63	389	354	341	327	310	294	272	251	224	195	162	129	97	
R611-30 500		50	37	134	79	483	442	425	408	385	364	340	311	277	241	201	160	121	
R611-35 600		60	45	161	92	538	498	483	468	443	415	382	356	317	272	225	180	133	



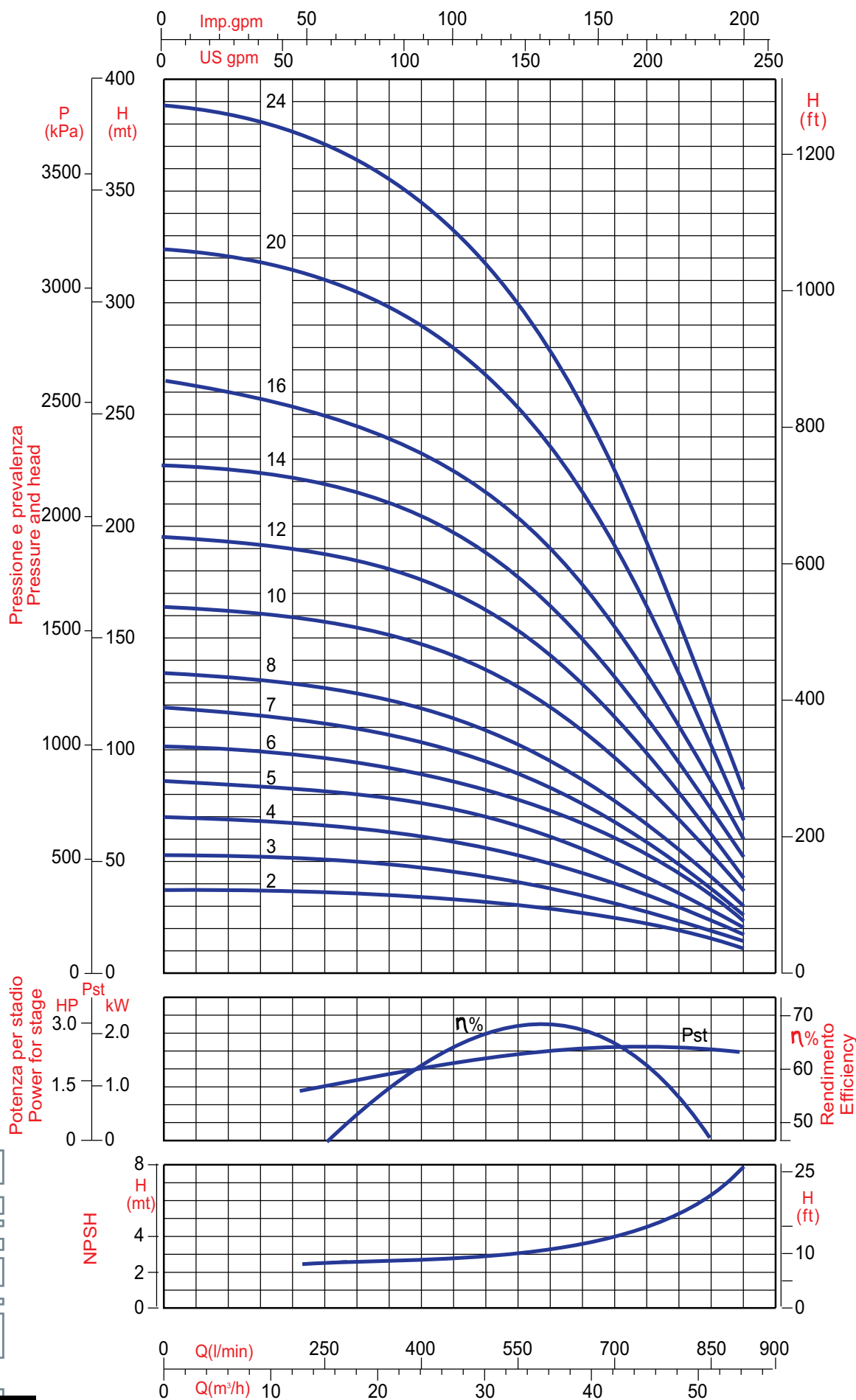
Dimensioni e pesi

Dimensions and weights

TIPO - TYPE	N. STADI STAGES	POMPA PUMP		MOTORE MOTOR		DM
		H	kg	h	kg	
R611-03 55	3	520	12	581.2	37.5	G 3
R611-04 75	4	570	12.8	614.4	41.1	
R611-06 100	6	684	14.8	646.2	45.2	
R611-07 125	7	741	15.4	687.7	47.5	
R611-09 150	9	854	18	711.2	50.9	
R611-10 175	10	911	18.6	776.2	56.7	
R611-12 200	12	1026	19.6	776.2	56.7	
R611-15 250	15	1254	23	841.5	63.3	
R611-18 300	18	1426	27	906.5	69.3	
R611-21 350	21	1597	28.5	1036.6	83.9	
R611-24 400	24	1770	34.5	1036.6	83.9	
R611-30 500	30	2166	40	1404.9	135	
R611-35 600	35	2449	43.6	1557.3	148	

Curve caratteristiche 2 poli/50Hz

Performance curves 2 poles/50Hz



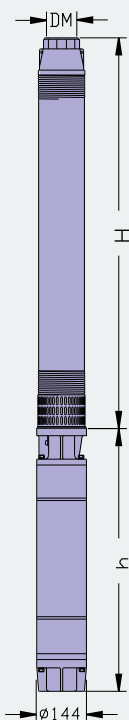
R612



2 poli/50Hz

2poles/50Hz

TIPO - TYPE	DATI FUNZIONAMENTO MOTORE MOTOR OPERATING DATA				DATI IDRAULICI - HYDRAULIC DATA													
TRIFASE THREE - PHASE 400 V 50 Hz	POTENZA POWER		CORRENTE CURRENT		PORTATA - CAPACITY													
	HP	kW	A 3x220 V	A 3x400 V	Q(l/min) 0	300	350	400	450	500	550	600	650	700	750	800	900	
					Q(m³/h) 0	18	21	24	27	30	33	36	39	42	45	48	54	
					H=prevalenza totale in m.c.a.							H=total head w.c.m.						
R612-02 55	5.5	4	17	9.8	38	35	34	33	32	31	30	28	26	23	21	18	12	
R612-03 75	7.5	5.5	23	13	54	50	49	48	46	44	42	39	36	32	28	24	15	
R612-04 100	10	7.5	30	17	71	66	64	62	60	57	54	51	46	41	36	31	18	
R612-05 125	12.5	9.2	36	21	87	82	78	75	73	70	66	62	56	50	44	37	21	
R612-06 150	15	11	43	24	103	98	93	90	87	83	78	73	66	59	51	43	24	
R612-07 175	17.5	12.8	53	29	120	112	107	104	100	96	90	85	76	67	59	50	27	
R612-08 200	20	15	60	34	136	127	122	118	114	108	102	96	86	77	66	56	30	
R612-10 250	25	18.5	69	39	168	158	151	145	141	134	126	118	107	95	82	69	36	
R612-12 300	30	22	79	46	201	188	181	174	168	160	150	141	127	113	97	81	42	
R612-14 350	35	26	93	56	233	218	209	202	195	186	175	164	147	130	112	94	48	
R612-16 400	40	30	108	63	263	248	242	233	225	213	202	188	172	152	131	109	57	
R612-20 500	50	37	134	79	324	309	301	291	280	265	251	234	214	189	162	135	70	
R612-24 600	60	45	161	92	388	366	357	346	332	316	308	277	252	223	191	157	92	



Dimensioni e pesi

Dimensions and weights

TIPO - TYPE	N. STADI STAGES	POMPA PUMP		MOTORE MOTOR		DM
		H	kg	h	kg	
R612-02 55	2	462	11	581.2	37.5	G 3
R612-03 75	3	521	12	614.4	41.1	
R612-04 100	4	581	13	646.2	45.2	
R612-05 125	5	640	14	687.7	47.5	
R612-06 150	6	702	15	711.2	50.9	
R612-07 175	7	769	16	776.2	56.7	
R612-08 200	8	830	17	776.2	56.7	
R612-10 250	10	941	18	841.5	63.3	
R612-12 300	12	1052	20	906.5	69.3	
R612-14 350	14	1253	21	1036.6	83.9	
R612-16 400	16	1375	23	1036.6	83.9	
R612-20 500	20	1619	26	1404.9	135	
R612-24 600	24	1863	33	1557.3	148	

Elettropompe centrifughe sommerse per pozzi da 8"
Centrifuge submersible pump for well of 8"
COSTRUZIONE

Sono elettropompe centrifughe sommerse per pozzi da 8", con giranti radiali, collegate al motore tramite supporto d'aspirazione e giunto meccanico secondo norme NEMA. Il corpo pompa è serrato mediante tubo di acciaio inox.

- Valvola di non ritorno inserita nel corpo di mandata
- Corpo di mandata e supporto di aspirazione in ghisa grigia
- Boccia di guida albero in acciaio inox
- Anelli di usura particolarmente studiati per la lubrificazione e resistenza alle infiltrazioni di sabbia, in desmopan
- Albero ampiamente dimensionato in acciaio inox
- Protezione cavo di alimentazione e griglia di aspirazione, in acciaio inox
- Anelli paracolpi per la protezione delle parti idrauliche in fase di avviamento, in acciaio inox

IMPIEGHI

Adatta per impianti idrici di approvvigionamento e pressurizzazione da pozzi profondi in impieghi di:

- Sistema di rifornimento idrici per usi civili ed industriali
- Irrigazione a pioggia ed a scorrimento
- Impianti automatici antincendio UNI 9490 e 10779
- Impianti di sopraelevazione
- Applicazione industriale varia

LIQUIDI POMPATI

Chiari non aggressivi, non esplosivi e privi di sostanze solide e fibrose.

DATI DI FUNZIONAMENTO
Pompa

- Portate fino 108 m³/h
- Prevalenze fino a 709 m
- Diametro massimo di ingombro 191 mm
- Massima profondità di immersione 350 m
- Massima quantità di sabbia 50 g/m³
- Temperatura liquido pompato max + 30 °C
- Installazione verticale orizzontale e obliquo
- Attacco filettato
- Senso di rotazione antiorario visto dalla mandata

Motore

- Di tipo asincrono a due poli raffreddato ad acqua
- Flangia attacco NEMA
- Tensione Trifase 380 V / 415 V
- Frequenza 50 Hz
- Massima deviazione rispetto alla tensione nominale +6% -10%
- motori 6" Potenza da 4 kW fino a 45 kW isolamento classe F
- motori 8" Potenza da 45 kW fino a 93 kW isolamento in PVC
- Cavo in dotazione metri 4 per motori 6" metri 6 per motori 8"
- Grado di protezione motore IP 68
- Protezione motori con relè termico secondo le norme VDE, classe di scatto (trip) 10 o 10 A/tempo di scatto <10 s a 5 x A
- Per altre caratteristiche dei motori vedere la sezione relativa in questo stesso catalogo

CONSTRUCTION

These are centrifuge submersible pumps for well of 8", with radial impeller connected to the motor by intake support and mechanical coupling, in accordance with norms NEMA. Pump body is tightened by tube in stainless steel.

- Check valve put in the delivery body
- Delivery body and intake support in gray iron
- Ferrule bearing that guides the shaft in stainless steel
- Wear-rings studied for lubrication and resistance to the infiltration of sand, in desmopan
- Shaft amply measured in stainless steel
- Protection of line cord strong suction screen in stainless-steel
- Buffer rings for protection of the hydraulic parts in starting stage, in stainless-steel

USES

Suitable for waterworks of procurement and pressurization by deep well in uses of:

- System of hydric supplying for civil and industrial uses;
- Irrigation at rain and at slip
- Automatic fire fighting plants UNI 9490 and 10779
- Superelevation plants
- Various industrial appliances

PUMPED LIQUIDS

Clear, not aggressive and not explosive, without solid or fibrous substances.

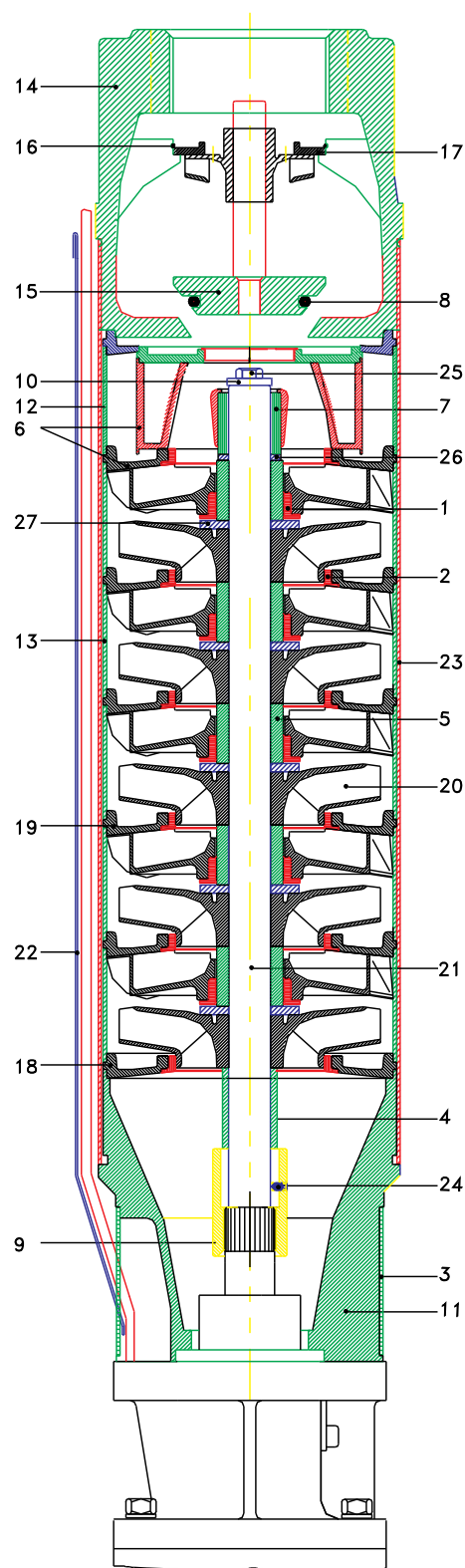
PERFORMANCE DATA
Pump

- Deliveries up to 108 m³/h
- Heads up to 709 m
- Maximum bore crammed 191 mm
- Maximum depth of immersion 350 m
- Maximum quantity of sand 50 g/m³
- Maximum temperature of pumped liquid +30 °C
- Vertical, horizontal and oblique installation
- Threaded connection
- Anticlockwise rotation seen from the discharge

Motor

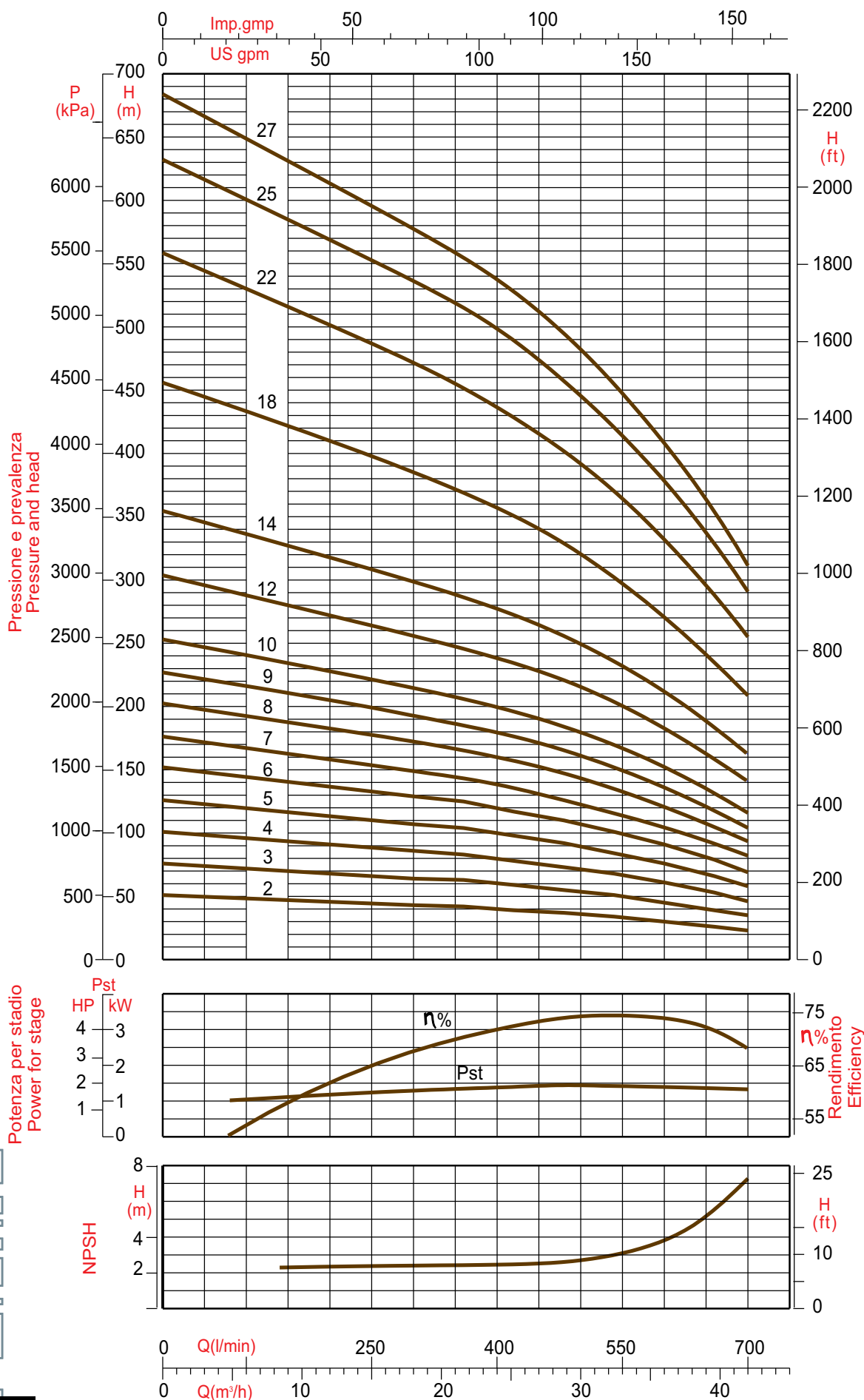
- Asynchronous type with two poles, cooled with water
- Connection flange NEMA
- Three-phase tension 380 V / 415 V
- Frequency 50 Hz
- Maximum deviation respect to the nominal tension +6% -10%
- Power of motors 6" by 4 kW up to 45 kW class of insulation F
- Power of motors 8" by 45 kW up to 93 kW segregation in PVC
- Cable in equipment 4 m for motors of 6" and 6m for motors of 8"
- Protection's level of motor IP 68
- Protection motors with thermal relay in accordance to norms VDE, class of trip 10 or 10 A / time of trip <10 s to 5 x A
- For other characteristic of motors, take a look to the relative section in this same catalogue

N. Rif. N. Ref.	Descrizione Description	Materiale Material
1	Anello di rasamento Rough shave ring	X5 Cr Ni 1810
2	Anello di rasamento Rough shave ring	
3	Filtro di aspirazione Filter	
4	Boccola distanziale Distance ferrule	X20 Cr 13
5	Boccola distanziale Distance ferrule	
6	Supporto Bracket	Polycarbonato Polycarbonate
7	Cuscinetto Bearing	Gomma nitrilica Nitrile rubber
8	Anello OR OR oring	Gomma acrilonitrica Acrylonitic Rubber
9	Giunto Coupling	X20 Cr 13
10	Rondella Washer	X5 Cr Ni Mo 1712
11	Supporto aspirazione Aspiration break	GG 20 Cast iron
12	Anello distanziale Spacer ring	X5 Cr Ni 1810
13	Anello distanziale Spacer ring	
14	Corpo di mandata Delivery body	GG 20 Cast iron
15	Valvola Valve	
16	Anello seeger Seeger ring	X10 Cr Ni 1809
17	Rondella valvola Valve washer	Polycarbonato Polycarbonate
18	Disco diffusore Diffuser disc	
19	Diffusore diffuser	
20	Girante Impeller	
21	Albero Shaft	X10 Cr S 17
22	Ripara cavo Cable protection	X5 Cr Ni 1810
23	Camicia External housing	
24	Grano Dowel	
25	Bullone Bolt	
26	Rondella Washer	
27	Rondella contospinta Trust bearing washer	



Curve caratteristiche 2 poli/50Hz

Performance curves 2 poles/50Hz



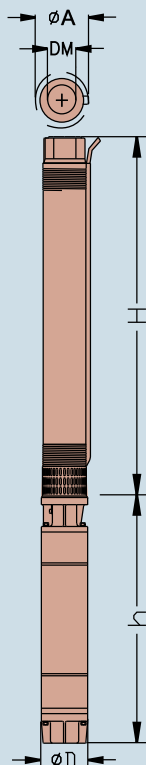
R827



2 poli/50Hz

2 poles/50Hz

TIPO - TYPE	DATI FUNZIONAMENTO MOTORE MOTOR OPERATING DATA				DATI IDRAULICI - HYDRAULIC DATA												
TRIFASE THREE - PHASE 400 V 50 Hz	POTENZA POWER		CORRENTE CURRENT		PORTATA CAPACITY												
	HP	kW	A 3x220 V	A 3x400 V	Q(l/min) 0	200	250	300	350	400	450	500	550	600	650	700	
					Q(m³/h) 0	12	15	18	21	24	27	30	33	36	39	42	
					H=prevalenza totale in m.c.a.						H=total head w.c.m.						
R827-02 55	5.5	4	17	9.8	51	46	44	43	42	40	38	36	33	30	27	23	
R827-03 75	7.5	5.5	23	13	76	68	66	64	63	60	57	54	50	45	40	35	
R827-04 100	10	7.5	30	17	101	91	88	86	83	80	75	71	67	61	54	46	
R827-05 125	12.5	9.2	36	21	126	113	110	107	104	100	95	89	83	75	67	58	
R827-06 150	15	11	43	24	152	137	133	129	126	120	113	107	99	91	81	69	
R827-07 175	17.5	12.8	51	29	176	158	153	141	144	138	131	122	114	104	94	82	
R827-08 200	20	15	60	34	202	183	177	172	166	160	152	143	133	120	107	93	
R827-09 250	25	18.5	73	39	227	205	199	193	186	179	171	161	149	136	121	104	
R827-10 300	30	22	79	46	253	228	221	215	207	199	190	179	167	152	135	116	
R827-12 350	35	26	93	56	304	272	264	256	247	238	228	215	200	182	162	141	
R827-14 400	40	30	109	63	355	318	308	299	280	277	264	249	231	212	188	162	
R827-18 500	50	37	133	78	456	410	398	385	371	357	340	320	297	271	241	209	
R827-22 600	60	45	161	92	558	501	486	471	455	436	416	392	364	332	296	255	
R827-25 700	70	51	182	106	632	569	553	536	519	498	474	445	414	378	337	290	
R827-27 750	75	55	192	109	684	613	595	577	559	537	512	482	449	408	362	311	



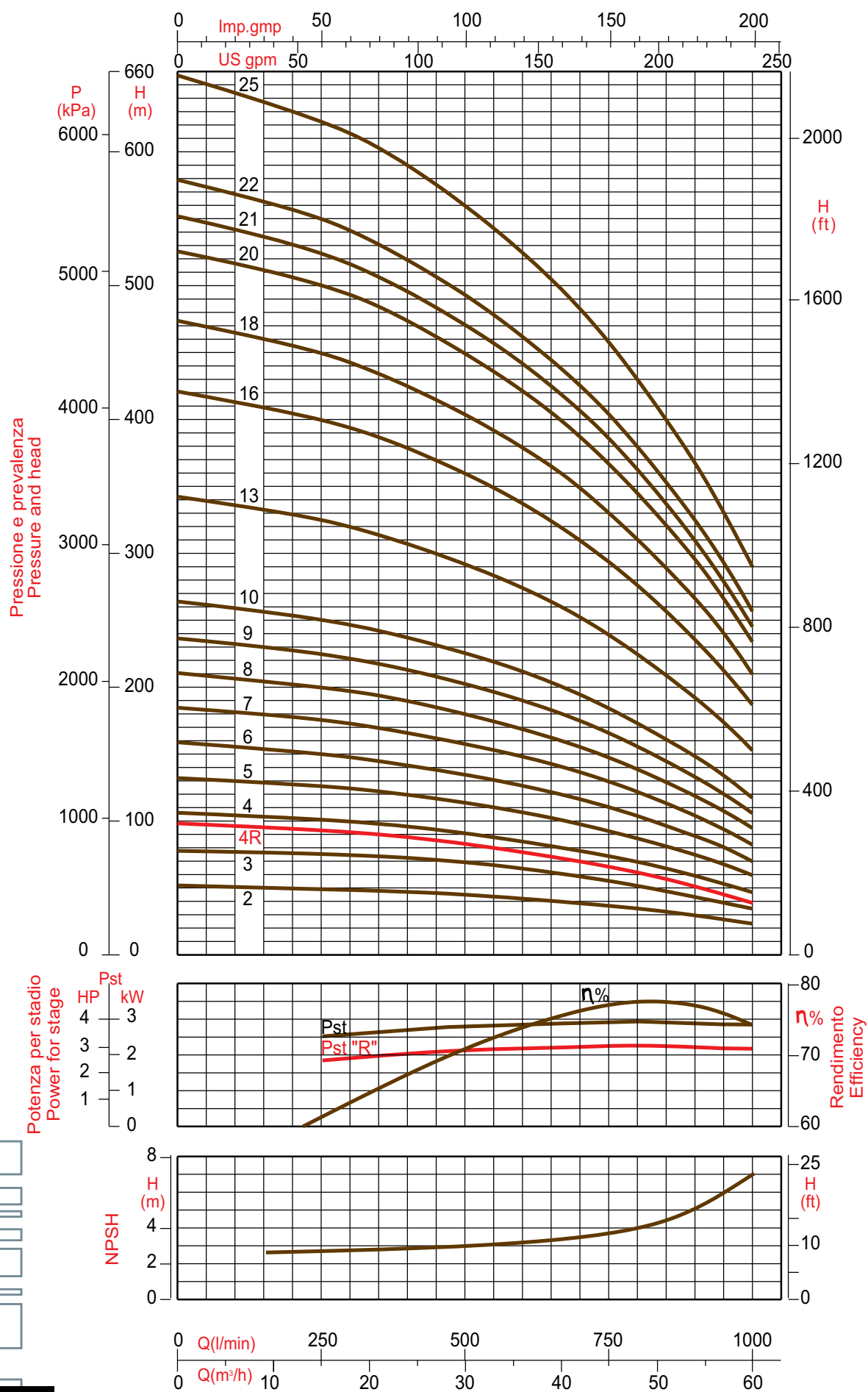
Dimensioni e pesi

Dimensions and weights

TIPO - TYPE	N. STADI STAGES	POMPA PUMP		MOTORE MOTOR		DM	A	D
		H	kg	h	kg			
R827-02 55	2	560	22	658	42	G 3	191	144
R827-03 75	3	630	23	698	47			
R827-04 100	4	700	25	748	54			
R827-05 125	5	770	27	788	58			
R827-06 150	6	840	29	883	63			
R827-07 175	7	944	31	878	66			
R827-08 200	8	980	33	923	71			
R827-09 250	9	1050	35	1013	80			
R827-10 300	10	1120	37	1098	89			
R827-12 350	12	1224	41	1193	100			
R827-14 400	14	1480	60	1233	103			
R827-18 500	18	1760	68	1233	103			
R827-22 600	22	2040	76	1313	188			
R827-25 700	25	2470	102	1423	217			
R827-27 750	27	2610	106	1538	231			191

Curve caratteristiche 2 poli/50Hz

Performance curves 2 poles/50Hz



038R



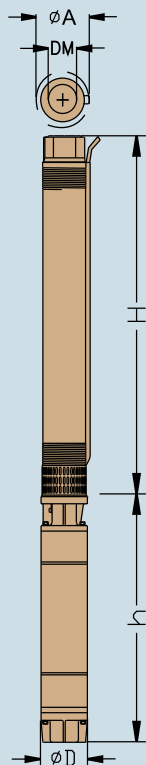
2 poli/50Hz

2 poles/50Hz

TIPO - TYPE	DATI FUNZIONAMENTO MOTORE MOTOR OPERATING DATA				DATI IDRAULICI - HYDRAULIC DATA												
TRIFASE THREE - PHASE 400 V 50 Hz	POTENZA POWER		CORRENTE CURRENT		PORTATA CAPACITY												
	HP	kW	A 3x220 V	A 3x400 V	Q(l/min)	0	300	400	500	600	650	700	750	800	850	900	1000
					Q(m³/h)	0	18	24	30	36	42	48	54	60	48	54	60
					H=prevalenza totale in m.c.a. H=total head w.c.m.												
R830-02 75	7.5	5.5	23	13	52	48	47	45	42	41	38	36	36	32	29	23	
R830-03 100	10	7.5	30	17	77	74	73	69	65	61	56	54	51	47	43	33	
R830-04R 125	12.5	9.2	36	21	98	91	88	83	77	73	70	65	61	56	50	38	
R830-04 150	15	11	51	24	106	99	96	90	84	81	77	74	69	64	59	46	
R830-05 175	17.5	12.8	60	29	132	124	119	113	105	101	97	92	86	80	74	58	
R830-06 200	20	15	73	34	158	147	141	134	126	121	116	110	103	96	88	69	
R830-07 250	25	18.5	79	39	184	172	165	157	148	142	135	128	121	113	104	82	
R830-08 300	30	22	93	46	210	196	189	179	167	162	154	146	137	129	118	93	
R830-09 350	35	26	109	56	236	221	212	201	189	182	174	165	154	144	132	105	
R830-10 400	40	30	133	63	263	246	236	225	210	202	194	183	172	161	149	116	
R830-13 500	50	37	161	78	342	319	306	290	273	263	252	238	223	208	191	151	
R830-16 600	60	45	192	92	420	393	378	359	336	323	309	293	274	256	234	185	
R830-18 700	70	51	192	106	471	441	424	403	378	364	347	328	310	287	266	208	
R830-20 750	75	55	213	119	524	492	473	448	419	403	385	365	344	319	294	232	
R830-21 800	80	59	241	124	551	515	494	470	441	424	405	385	361	336	309	243	
R830-22 900	90	66	264	135	577	540	510	492	461	443	423	402	378	352	324	254	
R830-25 1000	100	75	19	153	656	612	588	558	524	504	481	456	430	399	366	290	

Dimensioni e pesi

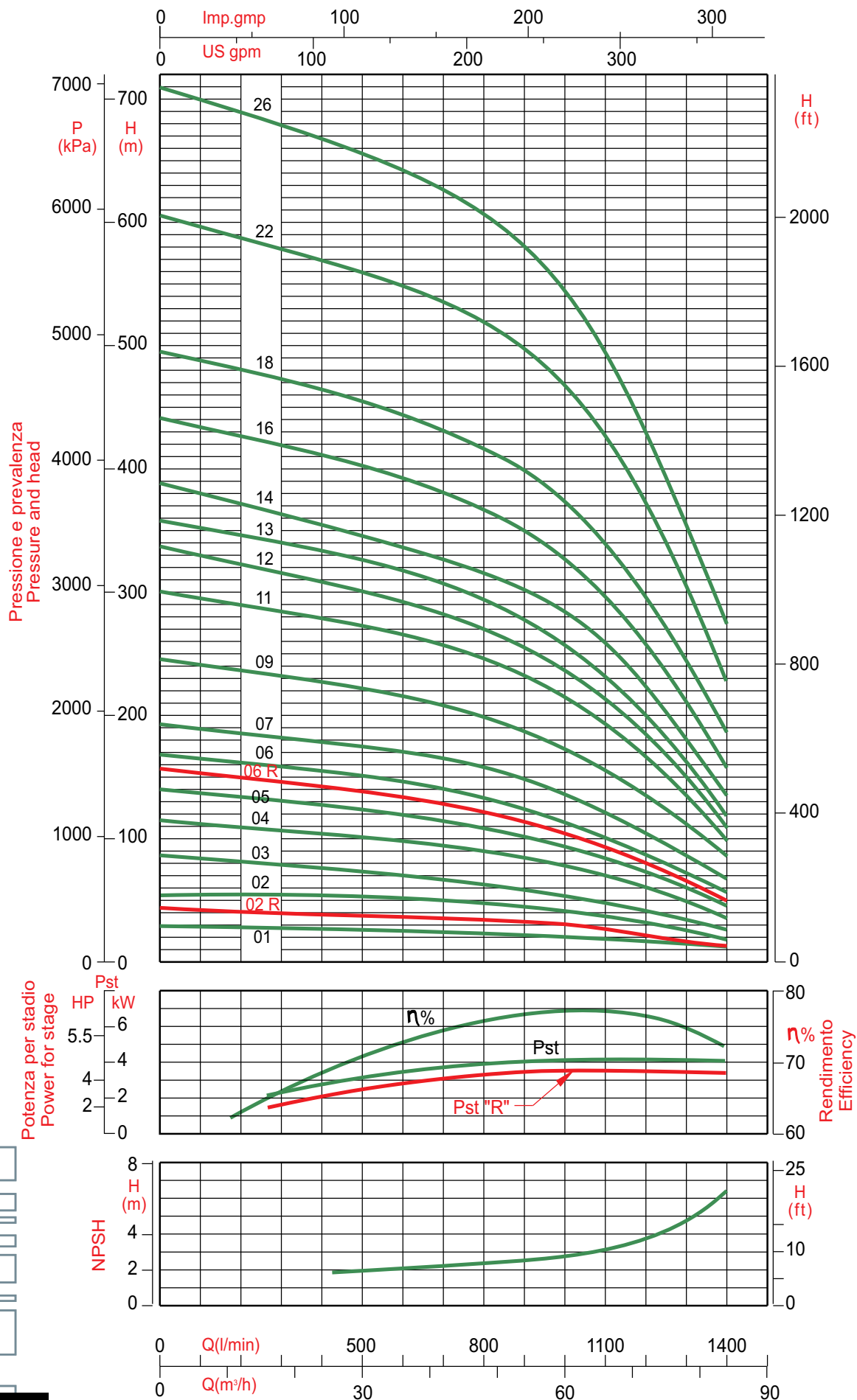
Dimensions and weights



TIPO - TYPE	N. STADI STAGES	POMPA PUMP		MOTORE MOTOR		DM	A	D
		H	kg	h	kg			
R830-02 75	7.5	560	21	614.4	41.1	G 3	191	144
R830-03 100	3	630	23	646.2	45.2			
R830-04 125	4	700	25	678.7	47.5			
R830-04 150	4	700	25	711.2	50.9			
R830-05 175	5	770	27	776.2	56.7			
R830-06 200	6	840	29	776.2	56.7			
R830-07 250	7	910	31	814.5	63.3			
R830-08 300	8	980	33	906.5	69.3			
R830-09 350	9	1050	35	1036.6	83.9			
R830-10 400	10	1084	37	1036.6	83.9			
R830-13 500	13	1224	43	1404.9	135			
R830-16 600	16	1550	63	1557.3	148			
R830-18 700	18	1980	88	1340	176			
R830-20 750	20	2120	90	1340	176			191
R830-21 800	21	2190	92	1560	215			
R830-22 900	22	2260	96	1560	215			
R830-25 1000	25	2470	102	1560	215			

Curve caratteristiche 2 poli/50Hz

Performance curves 2 poles/50Hz



R860



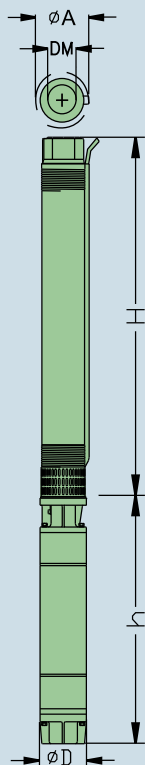
2 poli/50Hz

2 poles/50Hz

TIPO - TYPE		DATI FUNZIONAMENTO MOTORE MOTOR OPERATING DATA				DATI IDRAULICI - HYDRAULIC DATA												
TRIFASE THREE - PHASE 400 V 50 Hz		POTENZA POWER		CORRENTE CURRENT		PORTATA CAPACITY												
						Q(l/min)	0	300	400	500	600	700	800	900	1000	1100	1300	1400
		HP	kW	A 3x220 V	A 3x400 V	Q(m³/h)	0	18	24	30	36	42	48	54	60	66	78	84
H=prevalenza totale in m.c.a.													H=total head w.c.m.					
R860-01 55	5.5	4	23	9.8	27	26	25	24	23	22	21	20	19	17	13	9		
R860-02R 100	10	7.5	30	17	44	39	37	36	35	34	33	32	31	27	17	13		
R860-02 125	12.5	9.2	36	21	54	52	51	49	47	45	44	42	38	34	25	18		
R860-03 150	15	11	43	24	87	79	76	73	70	67	63	59	54	48	35	27		
R860-04 200	20	15	60	34	115	105	101	98	95	91	87	83	78	70	49	35		
R860-05 250	25	18.5	73	39	140	130	127	123	119	114	109	103	95	85	61	45		
R860-06R 300	30	22	79	46	157	145	141	137	133	128	123	117	108	95	66	50		
R860-06 350	35	26	93	56	164	156	153	149	146	141	135	127	117	105	75	55		
R860-07 400	40	30	109	63	191	180	177	173	168	163	157	149	139	126	91	65		
R860-09 500	50	37	133	78	245	232	228	223	216	207	198	191	180	164	118	85		
R860-11 600	60	45	161	92	300	283	277	271	264	257	247	233	215	193	136	98		
R860-12 700	70	51	192	106	337	313	305	297	288	279	269	256	238	214	150	108		
R860-13 750	75	55	192	109	358	340	333	325	316	305	293	279	260	235	164	119		
R860-14 800	80	59	213	123	388	363	354	345	336	326	316	303	286	257	180	135		
R860-16 900	90	66	241	135	441	418	411	403	393	380	366	350	329	296	210	157		
R860-18 1000	100	75	264	153	495	473	466	458	448	433	417	399	375	338	243	186		
R860-22 1250	125	92		184	606	578	568	559	550	537	520	498	469	423	303	226		
R860-26 1500	150	110		220	709	679	668	656	643	626	607	580	545	491	353	274		

Dimensioni e pesi

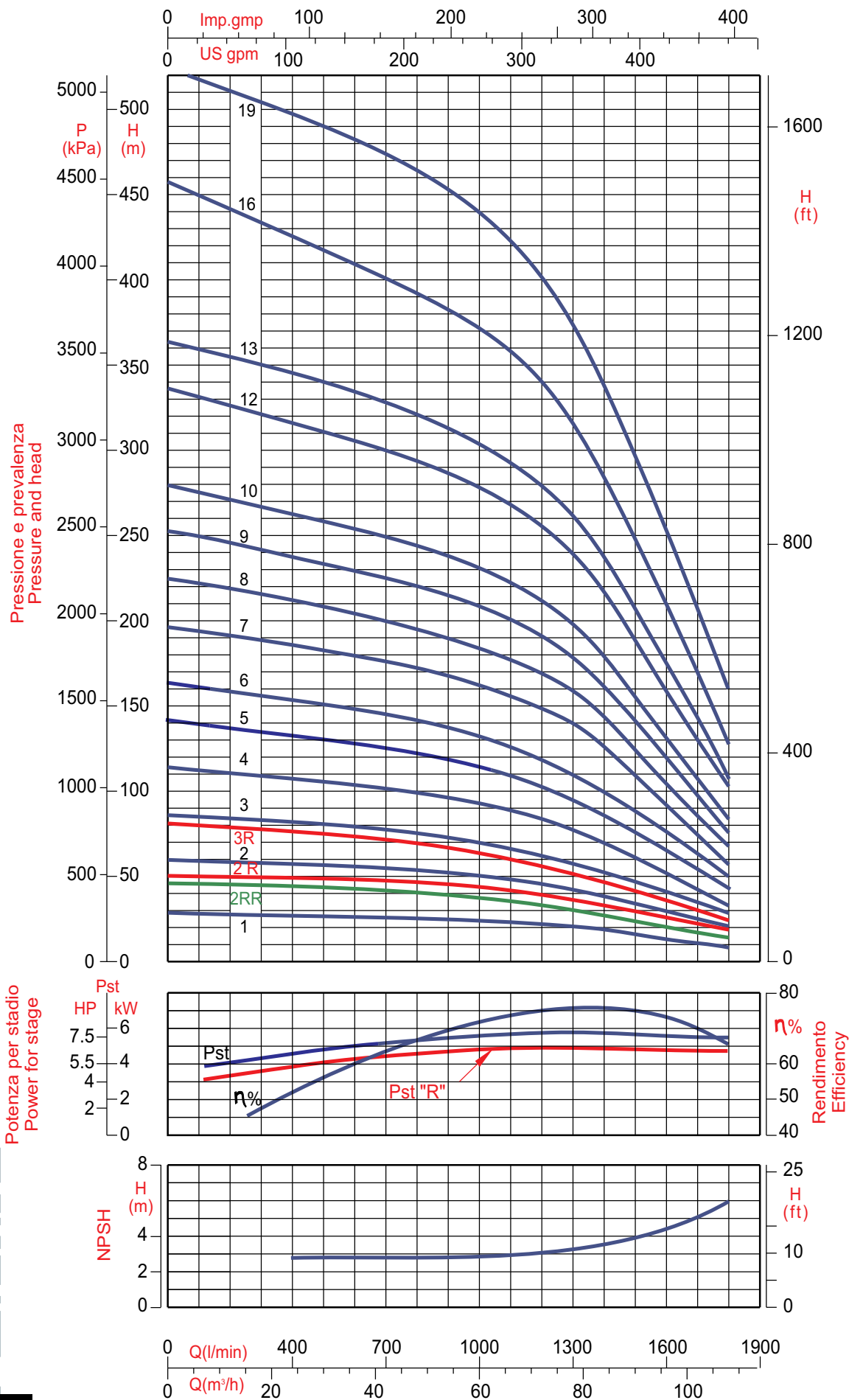
Dimensions and weights



TIPO - TYPE	N. STADI STAGES	POMPA PUMP		MOTORE MOTOR		DM	A	D
		H	kg	h	kg			
R860-01 55	1	520	21	581.2	37.5	G 4	191	144
R860-02R 100	2	560	22	646.2	45.2			
R860-02 125	2	560	22	678.7	47.5			
R860-03 150	3	630	23	711.2	50.9			
R860-04 200	4	700	25	776.2	56.7			
R860-05 250	5	770	27	814.5	63.3			
R860-06R 300	6	874	29	906.5	69.3			
R860-06 350	6	874	29	1036.6	83.9			
R860-07 400	7	914	31	1036.6	83.9			
R860-09 500	9	1014	33	1404.9	135			
R860-11 600	11	1154	37	1557.3	148			
R860-12 700	12	1390	39	1340	176			
R860-01 750	13	1460	41	1340	176			191
R860-14 800	14	1700	76	1340	176			
R860-16 900	16	1840	80	1560	215			
R860-18 1000	18	1980	84	1560	215			
R860-22 1250	22	2260	96	1740	247			
R860-26 1500	26	2540	104	1529	315			232

Curve caratteristiche 2 poli/50Hz

Performance curves 2 poles/50Hz



06890



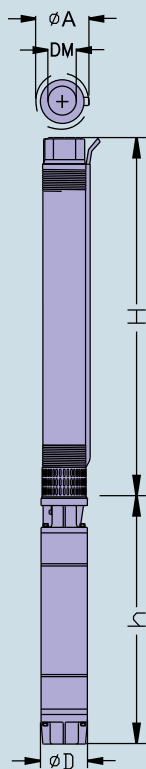
2 poli/50Hz

2 poles/50Hz

TIPO - TYPE	DATI FUNZIONAMENTO MOTORE MOTOR OPERATING DATA				DATI IDRAULICI - HYDRAULIC DATA													
TRIFASE THREE - PHASE 400 V 50 Hz	POTENZA POWER		CORRENTE CURRENT		PORTATA CAPACITY													
	HP	kW	A 3x220 V	A 3x400 V	Q(l/min)	0	500	700	800	900	1000	1100	1200	1300	1400	1500	1600	1800
					Q(m³/h)	0	30	42	48	54	60	66	72	78	84	90	96	108
					H=prevalenza totale in m.c.a. H=total head w.c.m.													
R890-01 75	7.5	5.5	23	13	28	26	25	24	23	22	21	20	19	18	15	12	7	
R890-02RR 100	10	7.5	30	17	46	43	41	40	38	37	35	33	30	27	24	20	14	
R890-02R 125	12.5	9.2	36	21	50	48	47	46	45	43	41	39	35	32	29	25	18	
R890-02 150	15	11	51	24	57	56	54	52	51	50	48	45	42	38	34	30	21	
R890-03R 200	20	15	60	34	80	73	71	69	66	63	60	55	50	45	40	35	24	
R890-03 250	25	18.5	73	39	85	80	77	75	72	69	66	62	57	52	46	40	27	
R890-04 300	30	22	79	46	114	104	100	99	96	93	89	83	77	70	61	51	33	
R890-05 350	35	26	93	56	140	128	123	120	117	113	108	101	93	84	74	63	42	
R890-06 400	40	30	109	63	162	149	143	140	136	131	125	118	108	98	87	75	48	
R890-07 500	50	37	133	78	195	181	175	173	166	160	154	147	138	124	108	90	55	
R890-08 600	60	45	161	92	223	206	198	193	188	182	175	167	157	141	122	102	66	
R890-09 700	70	51	192	106	251	231	223	218	213	207	198	188	176	159	138	117	74	
R890-10 800	80	59	213	123	278	256	247	242	236	229	220	209	196	177	153	130	82	
R890-12 900	90	66	241	135	334	308	298	291	284	276	265	252	236	214	185	156	100	
R890-13 1000	100	75	264	153	362	338	327	319	311	302	290	277	260	235	205	174	106	
R890-16 1250	125	92		184	455	415	398	390	380	369	356	337	313	281	245	207	125	
R890-19 1500	150	110		220	523	487	471	462	451	437	421	400	372	336	295	251	158	

Dimensioni e pesi

Dimensions and weights



TIPO - TYPE	N. STADI STAGES	POMPA PUMP		MOTORE MOTOR		DM	A	D
		H	kg	h	kg			
R890-01 75	1	490	19	614.4	41.1	G 4	191	144
R890-02RR 100	2	566	23	646.2	45.2			
R890-02R 125	2	566	23	678.7	47.5			
R890-02 150	2	566	23	711.2	50.9			
R890-03R 200	3	642	24	776.2	56.7			
R890-03 250	3	642	24	814.5	63.3			
R890-04 300	4	718	26	906.5	69.3			
R890-05 350	5	794	28	1036.6	83.9			
R890-06 400	6	870	30	1036.6	83.9			
R890-07 500	7	946	32	1404.9	135			
R890-08 600	8	1012	33	1557.3	148			
R890-09 700	9	1136	35	1340	176			
R890-10 800	10	1222	37	1340	176			
R890-12 900	12	1364	41	1560	215			191
R890-13 1000	13	1708	43	1560	215			
R890-16 1250	16	1936	88	1740	247			
R890-19 1500	19	2164	90	1529	315			232

Elettropompe centrifughe sommerse semiassiali serie S6"-S12"**Centrifuge semi-axial submersible pump series S6"-S12"****COSTRUZIONE**

Sono elettropompe centrifughe sommerse per pozzi da 6" fino a 12", con giranti semiassiali, collegate al motore tramite supporto d'aspirazione e giunto meccanico. Tutti gli stadi vengono uniti tra di loro mediante viti. Il bloccaggio della girante sull'albero avviene mediante boccola spaccata conica.

- Valvola di non ritorno inserita nel corpo di mandata
- Anelli di usura guida giranti in gomma
- Albero ampiamente dimensionato in acciaio inox
- Corpo di mandata, supporto di aspirazione, diffusori e giranti in ghisa grigia.
- Giunto, protezione cavo di alimentazione e griglia di aspirazione, in acciaio inox
- Anelli paracolpi per la protezione delle parti idrauliche in fase di avviamento, in gomma

IMPIEGHI

Adatta per impianti idrici di approvvigionamento e pressurizzazione da pozzi profondi in impieghi:

- Sistema di rifornimento idrici per usi civili ed industriali
- Irrigazione a pioggia ed a scorrimento
- Impianti automatici antincendio UNI 9490 e 10779
- Impianti di sopraelevazione
- Applicazione industriale varia

LIQUIDI POMPATI

Chiari non aggressivi, non esplosivi e privi di sostanze solide e fibrose.

DATI DI FUNZIONAMENTO**Pompa**

- Portate fino 300 m³/h
- Prevalenze fino a 413 m
- Massima profondità di immersione 350 m
- Massima quantità di sabbia 50 g/m³.
- Temperatura liquido pompato da 0 a +30 °C
- Installazione verticale orizzontale e obliquo
- Attacco flangiato
- Senso di rotazione antiorario visto dalla mandata

Motore

- Di tipo asincrono a due poli raffreddato ad acqua
- Flangia attacco NEMA per motori da 6" E 8"
- Flangia attacco speciale per motori da 10"
- Tensione trifase 380 V / 415 V
- Massima deviazione rispetto alla tensione nominale +6% -10%
- Frequenza 50 Hz
- Potenza fino a 135 kW
- Cavo in dotazione lunghezza 4 m per motori 6" e 6 m per motori 8" e 10"
- Protezione motori con relè termico secondo le norme VDE, classe di scatto (trip) 10 o 10A / tempo di scatto < 10 s a 5xA
- Per altre caratteristiche dei motori vedere la sezione relativa in questo stesso catalogo

CONSTRUCTION

These are centrifuge submersible pumps for well by 6" up to 12", with semi-axial impeller, connected to the motor by intake support and mechanical coupling. All stages are united between them through screws. The blocking of the impeller on the shaft happens through conic split ferrule.

- Check valve put in the delivery body
- Wear-rings that guide impellers in rubber
- Shaft amply measured in stainless steel
- Delivery body, intake support, diffusers and impellers in gray iron
- Coupling, protection of line cord strong and suction screen, in stainless steel
- Buffer rings for protection of the hydraulic parts in starting stage, in rubber

USES

Suitable for waterworks of procurement and pressurization by deep well in uses of:

- System of hydric supplying for civil and industrial uses
- Irrigation at rain and at slip
- Automatic fire fighting plants UNI 9490 and 10779
- Superelevation plants
- Various industrial appliances

PUMPED LIQUIDS

Clear, not aggressive and not explosive, without solid or fibrous substances.

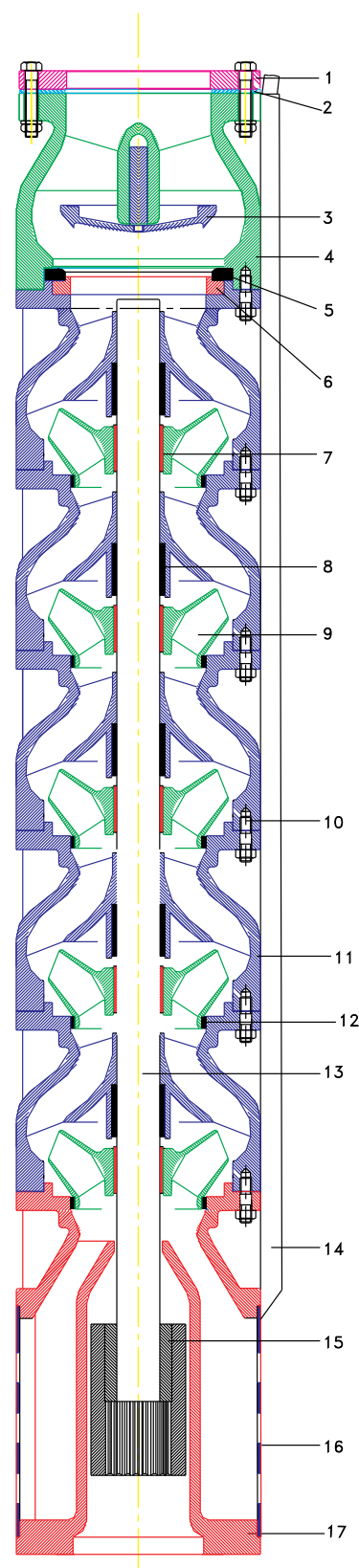
PERFORMANCE DATA**Pump**

- Deliveries up to 300 m³/h
- Heads up to 413 m
- Maximum depth of immersion 350 m
- Maximum quantity of sand 50 g/m³
- Maximum temperature of pumped liquid by 0 up to +30 °C
- Vertical, horizontal and oblique installation
- Flanged connection
- Anticlockwise rotation seen from the discharge

Motor

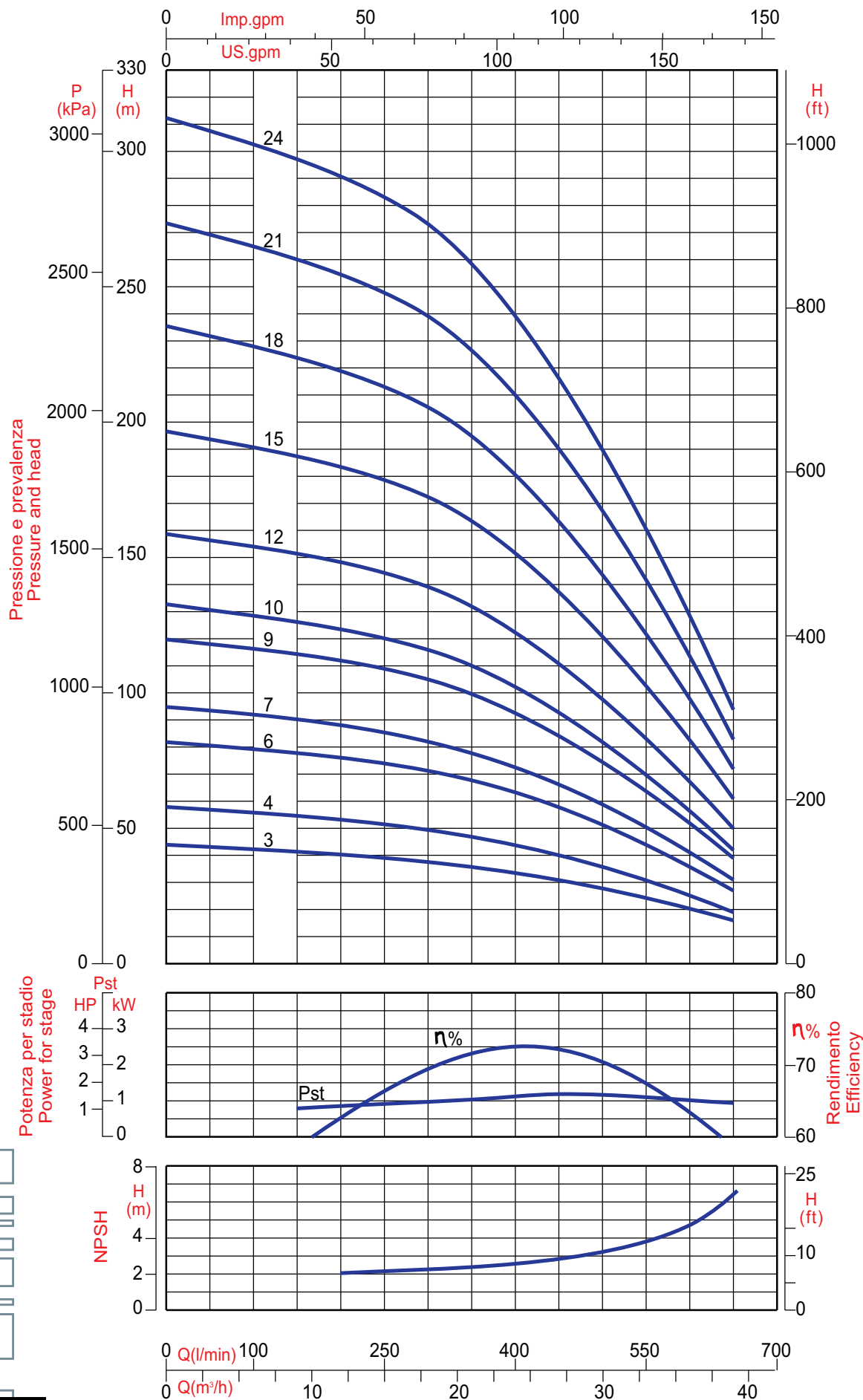
- Asynchronous type with two poles, cooled with water
- Connection flange NEMA for motors of 6" and 8"
- Flange with special connection for motors of 10"
- Three-phase tension 380 V / 415 V
- Maximum deviation respect to the nominal tension +6% -10%;
- Frequency 50 Hz
- Power up to 135 kW
- Cable in equipment length of 4m for motors of 6" and 6m for motors of 8" and 10";
- Protection motors with thermal relay in accordance to norms VDE, class of trip 10 or 10A / time of trip <10 s to 5 x A;
- For other characteristic of motors, take a look to the relative section in this same catalogue

N. Rif. N. Ref.	Descrizione Description	Materiale Material
1	Flangia Flange	X5 Cr Ni 1810
2	Guarnizione flangia Flange seal	Gomma Rubber
3	Valvola Valve	Ghisa Cast iron
4	Corpo di mandata Delivery body	
5	Anello valvola Valve ring	Gomma Rubber
6	Supporto anello valvola Bearing valve ring	Ghisa Cast iron
7	Boccola conica Conic ferrule	X5 Cr Ni 1810
8	Cuscinetto Bearing	Gomma Rubber
9	Girante Impeller	Ghisa Cast iron
10	Bulloni Bolts	X5 Cr Ni 1810
11	Diffusore Diffuser	Ghisa Cast iron
12	Anello sede girante Impeller ring	Gomma Rubber
13	Albero Shaft	X10 Cr S 17
14	Ripara cavo Cable protection	X5 Cr Ni 1810
15	Giunto Joint	X20 Cr 13
16	Filtro di aspirazione Aspiration filter	X5 Cr Ni 1810
17	Supporto di aspirazione Aspiration bracket	Ghisa Cast iron



Curve caratteristiche 2 poli/50Hz

Performance curves 2 poles/50Hz



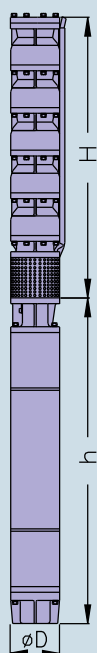
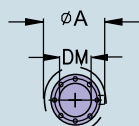
515



2 poli/50Hz

2 poles/50Hz

TIPO - TYPE	DATI FUNZIONAMENTO MOTORE MOTOR OPERATING DATA				DATI IDRAULICI - HYDRAULIC DATA													
TRIFASE THREE - PHASE 400 V 50 Hz	POTENZA POWER		CORRENTE CURRENT		PORTATA CAPACITY													
					Q(l/min) 0	100	150	200	250	300	350	400	450	500	550	600	650	
	HP	kW	A 3x220 V	A 3x400 V	Q(m³/h) 0	6	9	12	15	18	21	24	27	30	33	36	39	
					H=prevalenza totale in m.c.a.							H=total head w.c.m.						
S615-03 55	5.5	4	17	9.8	44	43	42	41	40	39	38	34	32	29	26	21	17	
S615-04 75	7.5	5.5	23	13	57	56	55	54	53	50	48	44	41	36	32	26	20	
S615-06 100	10	7.5	30	17	82	81	79	78	75	73	70	63	58	52	46	37	28	
S615-07 125	12.5	9.2	36	21	94	92	91	90	88	84	80	73	67	59	53	42	31	
S615-09 150	15	11	43	24	120	118	116	115	112	108	102	92	85	76	65	52	39	
S615-10 175	17.5	12.8	53	29	133	131	129	127	123	119	113	102	94	83	73	57	43	
S615-12 200	20	15	60	34	159	156	153	151	147	141	134	121	111	98	86	68	50	
S615-15 250	25	18.5	69	39	197	194	190	188	183	175	166	150	138	121	106	83	61	
S615-18 300	30	22	79	46	235	231	227	224	217	209	198	179	164	144	126	98	72	
S615-21 350	35	26	93	56	274	271	267	260	252	242	230	208	190	167	146	114	83	
S615-24 400	40	30	108	63	312	307	300	297	288	272	262	237	217	190	166	129	94	



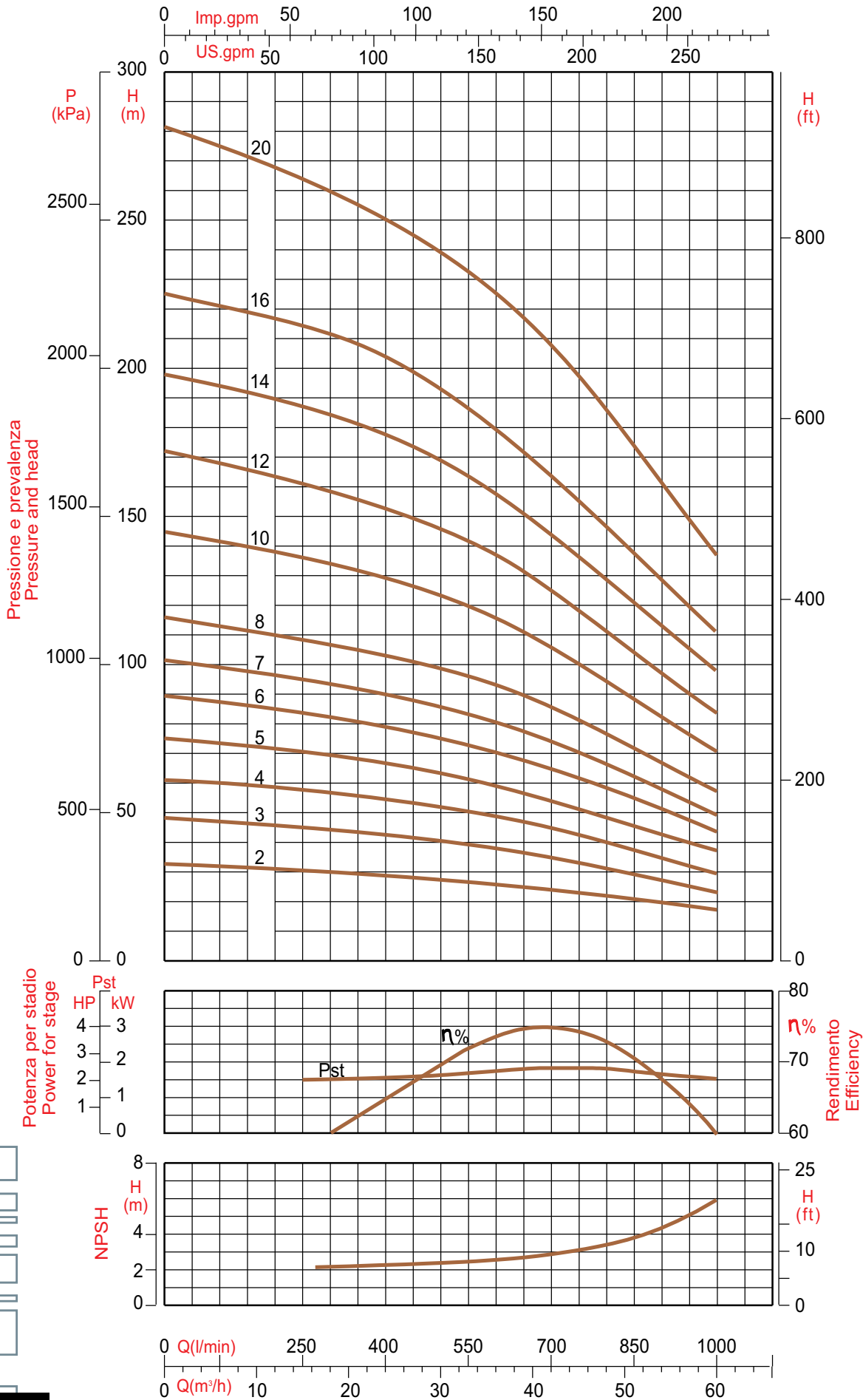
Dimensioni e pesi

Dimensions and weights

TIPO - TYPE	N. STADI STAGES	POMPA PUMP		MOTORE MOTOR		DM	A	D
		H	kg	h	kg			
S615-03 55	3	709	31	581.2	37.5	G 3	206	144
S615-04 75	4	824	36	614.4	41.1			
S615-06 100	6	1054	46	646.2	45.2			
S615-07 125	7	1169	51	678.7	47.5			
S615-09 150	9	1399	61	711.2	50.9			
S615-10 175	10	1514	66	776.2	56.7			
S615-12 200	12	1744	76	776.2	56.7			
S615-15 250	15	2089	91	814.5	63.3			
S615-18 300	18	2434	108	906.5	69.3			
S615-21 350	21	2779	123	1036.6	83.9			
S615-24 400	24	3124	142	1036.6	83.9			

Curve caratteristiche 2 poli/50Hz

Performance curves 2 poles/50Hz



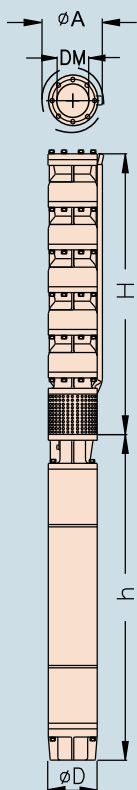
219S



2 poli/50Hz

2 poles/50Hz

TIPO - TYPE	DATI FUNZIONAMENTO MOTORE MOTOR OPERATING DATA				DATI IDRAULICI - HYDRAULIC DATA												
TRIFASE THREE - PHASE 400 V 50 Hz	POTENZA POWER		CORRENTE CURRENT		PORTATA CAPACITY												
					Q(l/min)	0	400	450	500	550	600	650	700	750	800	850	900
	Q(m³/h)	0	24	27	30	33	36	39	42	45	48	51	54	60			
	H=prevalenza totale in m.c.a. H=total head w.c.m.																
S617-02 55	5.5	4	17	9.8	32	30	29	28	27	26	25	24	23	22	21	19	18
S617-03 75	7.5	5.5	23	13	47	42	41	40	39	38	37	36	33	31	29	27	23
S617-04 100	10	7.5	30	17	60	54	53	52	51	49	47	44	43	40	38	34	29
S617-05 125	12.5	9.2	36	21	74	66	64	63	62	61	58	54	52	49	46	43	38
S617-06 150	15	11	43	24	89	79	76	75	73	71	69	66	63	60	55	51	43
S617-07 175	17.5	12.8	53	29	101	92	90	87	85	82	80	76	71	67	62	58	49
S617-08 200	20	15	60	34	115	102	100	98	95	92	88	85	82	77	71	66	56
S617-10 250	25	18.5	69	39	143	128	126	123	120	115	113	106	101	95	88	82	69
S617-12 300	30	22	79	46	170	152	149	145	140	137	133	126	120	112	104	97	83
S617-14 350	35	26	93	56	196	178	173	168	165	160	155	145	138	129	121	113	98
S617-16 400	40	30	108	63	225	203	197	192	187	183	175	167	158	148	138	129	111
S617-20 500	50	37	134	78	376	276	245	240	233	226	219	209	195	184	172	160	137



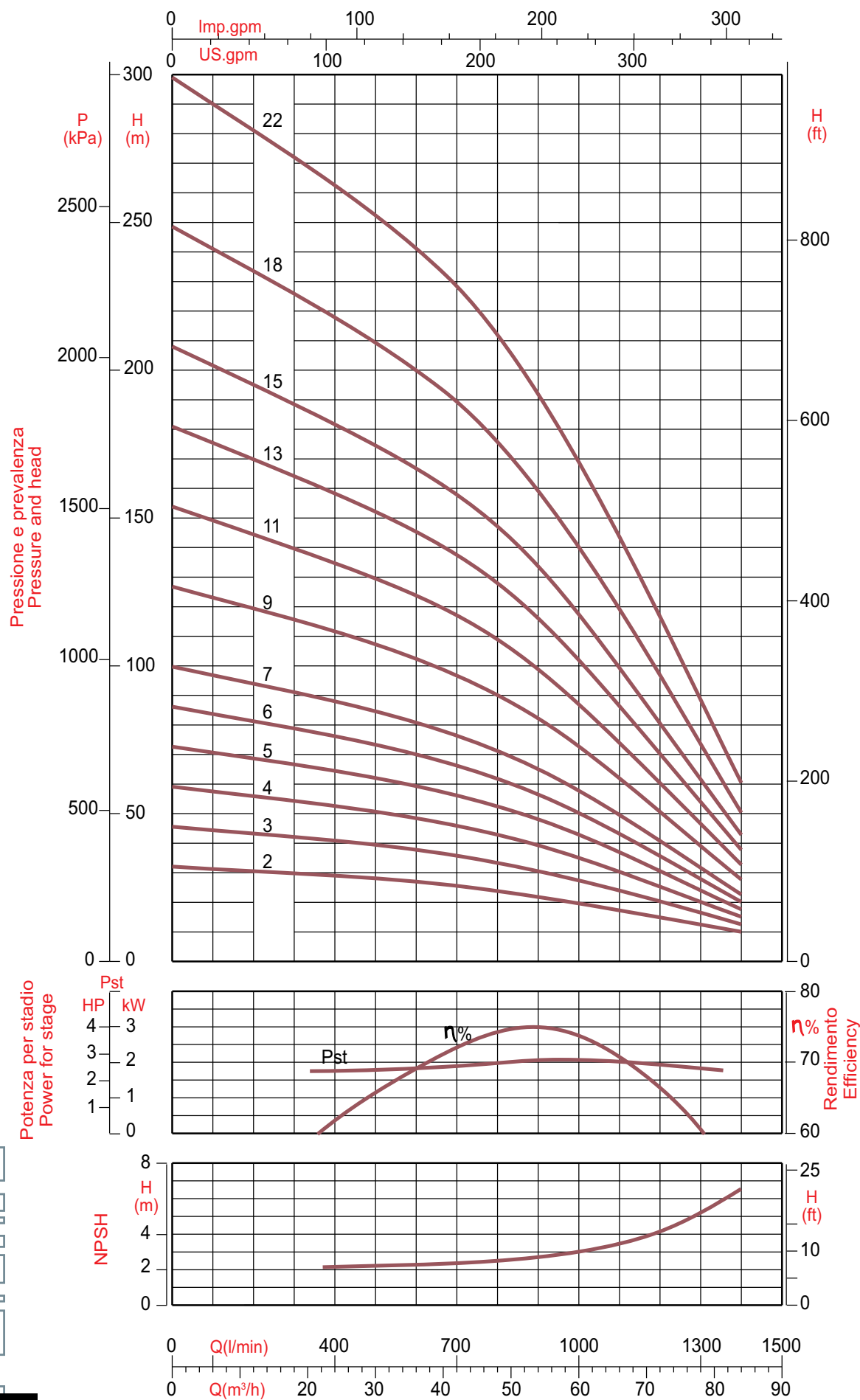
Dimensioni e pesi

Dimensions and weights

TIPO - TYPE	N. STADI STAGES	POMPA PUMP		MOTORE MOTOR		DM	A	D
		H	kg	h	kg			
S617-02 55	2	594	26	581.2	37.5	G 3	150	144
S617-03 75	3	709	31	614.4	41.1			
S617-04 100	4	824	36	646.2	45.2			
S617-05 125	5	939	41	678.7	47.5			
S617-06 150	6	1054	46	711.2	50.9			
S617-07 175	7	1169	51	776.2	56.7			
S617-08 200	8	1284	56	776.2	56.7			
S617-10 250	10	1514	66	841.5	63.3			
S617-12 300	12	1744	76	906.5	69.3			
S617-14 350	14	1974	86	1036.6	83.9			
S617-16 400	16	2204	96	1036.6	83.9			
S617-20 500	20	2664	116	1404.9	135			

Curve caratteristiche 2 poli/50Hz

Performance curves 2 poles/50Hz



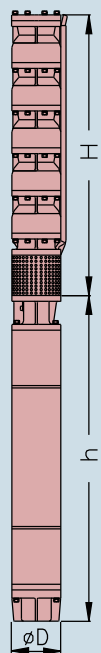
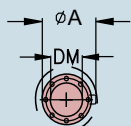
פזמונאי



2 poli/50Hz

2 poles/50Hz

TIPO - TYPE		DATI FUNZIONAMENTO MOTORE MOTOR OPERATING DATA			DATI IDRAULICI - HYDRAULIC DATA													
TRIFASE THREE - PHASE 400 V 50 Hz	POTENZA POWER		CORRENTE CURRENT		PORTATA CAPACITY													
	HP	kW	A 3x230 V	A 3x400 V	Q(l/min)	0	400	500	600	700	800	900	950	1000	1100	1200	1300	1400
					Q(m³/h)	0	24	30	36	42	48	54	57	60	66	72	78	84
					H=prevalenza totale in m.c.a. H=total head w.c.m.													
S619-02 55	5.5	4	17	9.8	32	29	28	27	26	24	22	21	20	18	15	13	10	
S619-03 100	10	7.5	30	17	46	40	39	37	36	33	31	29	28	24	20	16	13	
S619-04 125	12.5	9.2	36	21	59	52	50	48	46	43	39	37	35	30	25	20	15	
S619-05 150	15	11	43	24	73	64	62	59	57	52	48	46	43	37	30	24	18	
S619-06 175	17.5	12.8	53	29	86	76	73	70	66	62	56	53	50	43	35	28	20	
S619-07 200	20	15	60	34	100	88	84	80	77	71	65	62	58	49	40	32	23	
S619-09 250	25	18.5	69	39	127	111	107	102	97	90	82	78	73	62	50	39	28	
S619-11 300	30	22	79	46	154	135	130	124	118	109	99	94	88	74	60	47	33	
S619-13 350	35	26	93	56	180	158	152	146	138	128	116	110	103	87	71	54	38	
S619-15 400	40	30	108	63	208	182	175	167	159	147	134	126	118	100	81	62	43	
S619-18 500	50	37	134	78	249	217	209	200	189	175	159	150	140	118	96	73	51	
S619-22 600	60	45	161	92	299	262	252	240	228	211	192	181	169	143	115	88	61	



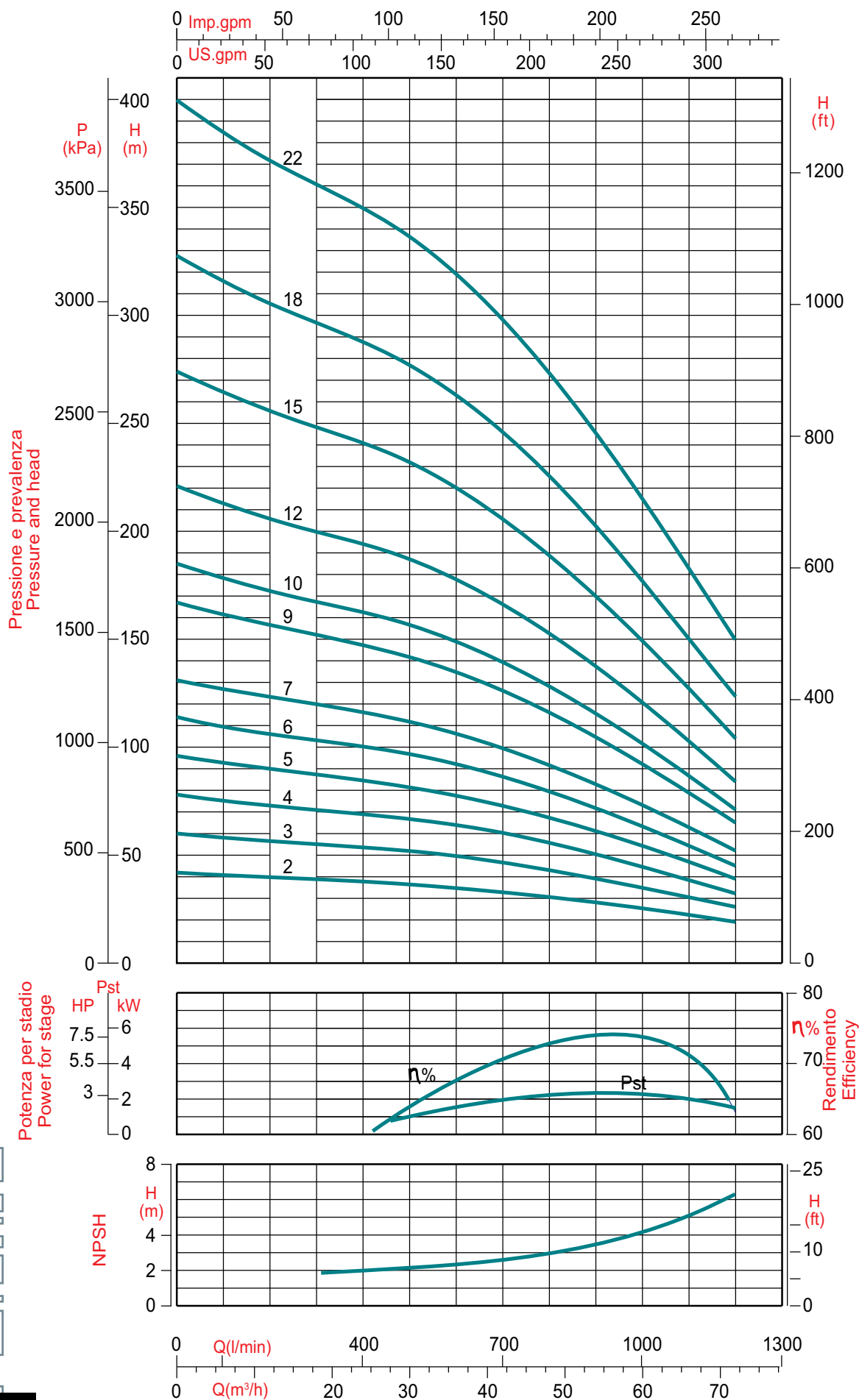
Dimensioni e pesi

Dimensions and weights

TIPO - TYPE	N. STADI STAGES	POMPA PUMP		MOTORE MOTOR		DM	A	D
		H	kg	h	kg			
S619-02 55	2	594	26	581.2	37.5	G 3	150	144
S619-03 100	3	709	31	646.2	45.2			
S619-04 125	4	824	36	678.7	47.5			
S619-05 150	5	939	41	711.2	50.9			
S619-06 175	6	1054	46	776.2	56.7			
S619-07 200	7	1169	51	776.2	56.7			
S619-09 250	9	1399	61	841.5	63.3			
S619-11 300	11	1629	71	906.5	69.3			
S619-13 350	13	1859	81	1036.6	83.9			
S619-15 400	15	2360	91	1036.6	83.9			
S619-18 500	18	2505	108	1404.9	135			
S619-22 600	22	3028	123	1557.3	148			

Curve caratteristiche 2 poli/50Hz

Performance curves 2 poles/50Hz



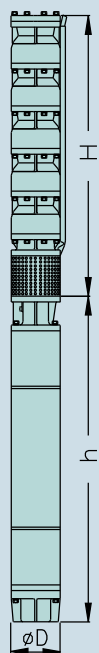
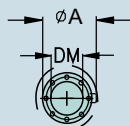
820 S



2 poli/50Hz

2 poles/50Hz

TIPO - TYPE	DATI FUNZIONAMENTO MOTORE MOTOR OPERATING DATA				DATI IDRAULICI - HYDRAULIC DATA													
TRIFASE THREE-PHASE 400 V 50 Hz	POTENZA POWER		CORRENTE CURRENT		PORTATA CAPACITY													
	HP	kW	A 3x230 V	A 3x400 V	Q(l/min) 0	400	500	600	700	750	800	850	900	950	1000	1100	1200	
					Q(m³/h) 0	24	30	36	42	45	48	51	54	57	60	66	72	
					H=prevalenza totale in m.c.a.					H=total head w.c.m.								
S820-02 75	7.5	5.5	23	13	42	40	37	35	33	31	30	29	28	27	26	23	20	
S820-03 100	10	7.5	30	17	60	56	53	51	47	46	44	42	40	38	36	31	28	
S820-04 125	12.5	9.2	36	21	78	72	68	66	61	60	57	55	52	48	46	40	33	
S820-05 175	17.50	12,8	53	29	96	86	84	79	74	71	69	67	63	59	56	48	41	
S820-06 200	20	15	60	34	114	103	99	94	88	84	82	78	73	69	65	55	46	
S820-07 250	25	18.5	69	39	131	118	113	108	101	95	93	89	84	80	74	64	53	
S820-09 300	30	22	79	46	167	149	143	137	127	123	118	113	106	100	94	80	66	
S820-10 350	35	26	93	56	185	165	158	151	140	135	130	123	117	109	103	88	73	
S820-12 400	40	30	109	63	221	196	188	179	167	161	154	147	140	131	122	104	86	
S820-15 500	50	37	133	71	274	242	234	223	207	199	190	181	172	161	151	130	105	
S820-18 600	60	45	161	92	328	289	278	264	248	237	227	216	205	192	179	152	125	
S820-22 750	75	55	192	109	400	351	339	321	301	288	276	263	248	233	218	183	151	



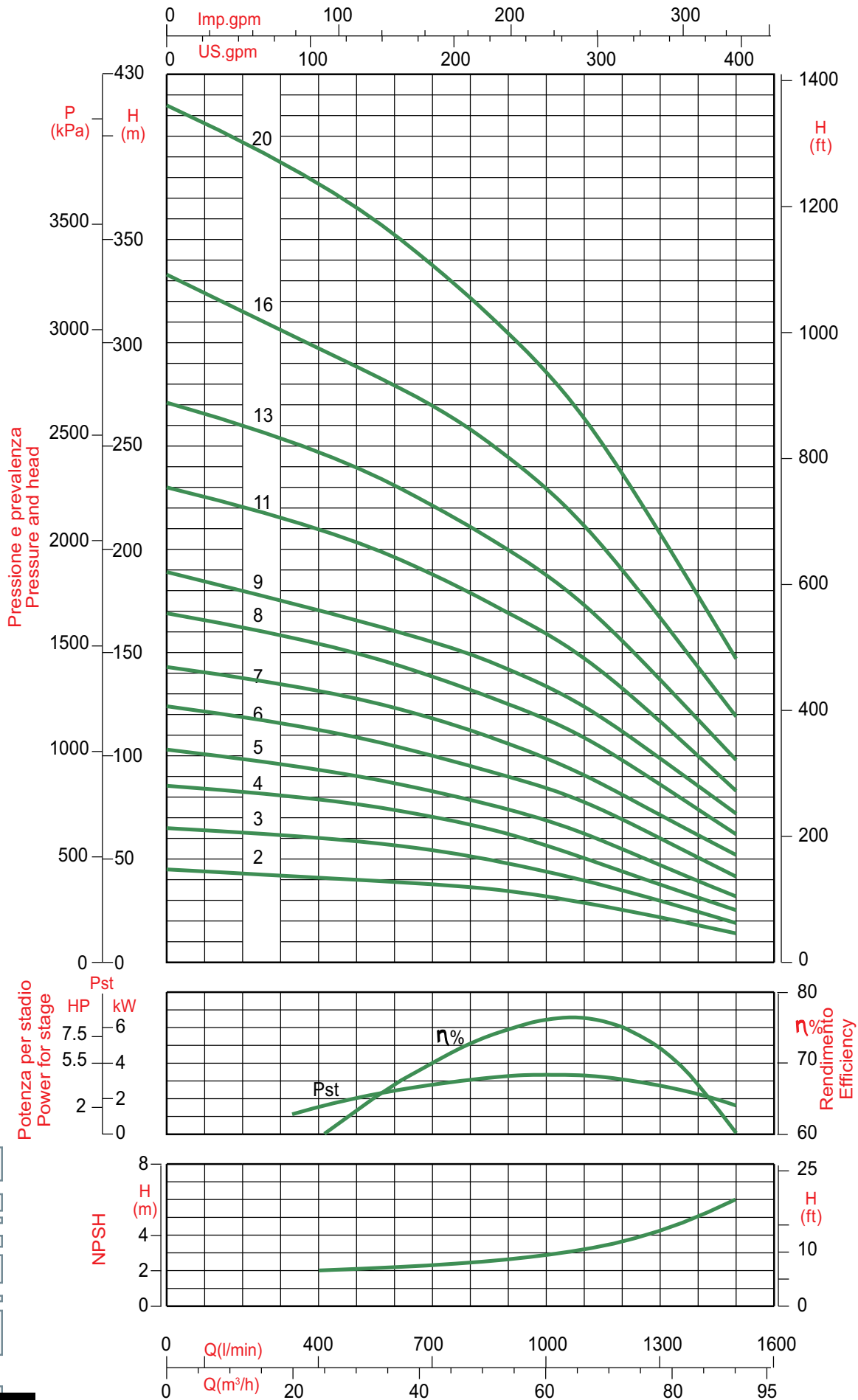
Dimensioni e pesi

Dimensions and weights

TIPO - TYPE	N. STADI STAGES	POMPA PUMP		MOTORE MOTOR		DM	A	D
		H	kg	h	kg			
S820-02 75	2	645	38	614.4	41.1	G 4	183	144
S820-03 100	3	780	47	646.2	45.2			
S820-04 125	4	915	56	678.7	47.5			
S820-05 175	5	1050	65	776.2	56.7			
S820-06 200	6	1185	74	776.2	56.7			
S820-07 250	7	1320	83	841.5	63.3			
S820-09 300	9	1590	101	906.5	69.3			
S820-10 350	10	1725	110	1036.6	83.9			
S820-12 400	12	1995	128	1036.6	83.9			
S820-15 500	15	2400	155	1404.9	135			
S820-18 600	18	2850	182	1447.3	148			
S820-22 750	22	3343	210	1340	176			191

Curve caratteristiche 2 poli/50Hz

Performance curves 2 poles/50Hz



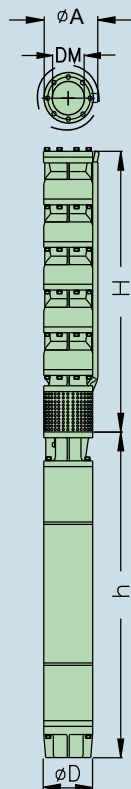
825



2 poli/50Hz

2 poles/50Hz

TIPO - TYPE	DATI FUNZIONAMENTO MOTORE MOTOR OPERATING DATA				DATI IDRAULICI - HYDRAULIC DATA													
TRIFASE THREE - PHASE 400 V 50 Hz	POTENZA POWER		CORRENTE CURRENT		PORTATA CAPACITY													
	HP	kW	A 3x230 V	A 3x400 V	Q(l/min) 0	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	
					Q(m³/h) 0	24	30	36	42	48	54	60	66	72	78	84	90	
					H=prevalenza totale in m.c.a. H=total head w.c.m.													
S825-02 100	10	7.5	30	17	44	42	41	40	39	37	34	31	29	26	21	18	14	
S825-03 125	12.5	9.2	36	21	65	61	58	56	54	50	48	43	40	34	30	25	19	
S825-04 175	17.5	12.8	53	29	87	81	77	73	71	64	62	57	51	44	38	32	25	
S825-05 200	20	15	60	34	102	92	90	85	81	78	75	69	63	56	48	40	33	
S825-06 250	25	18.5	69	39	123	112	108	104	101	96	91	84	78	71	61	51	41	
S825-07 300	30	22	79	46	143	132	126	122	117	112	106	99	91	81	71	62	52	
S825-08 350	35	26	93	56	167	153	148	142	137	130	122	117	109	99	86	74	62	
S825-09 400	40	30	109	63	188	170	166	161	154	148	141	134	124	112	99	86	72	
S825-11 500	50	37	133	78	231	208	202	195	189	178	168	158	148	133	116	100	83	
S825-13 600	60	45	161	92	273	247	239	230	221	211	198	187	174	155	137	118	97	
S825-16 750	75	55	192	109	333	297	288	279	270	256	244	231	211	190	167	144	119	
R825-20 900	90	66	241	133	413	377	365	352	337	322	304	287	263	236	207	179	149	



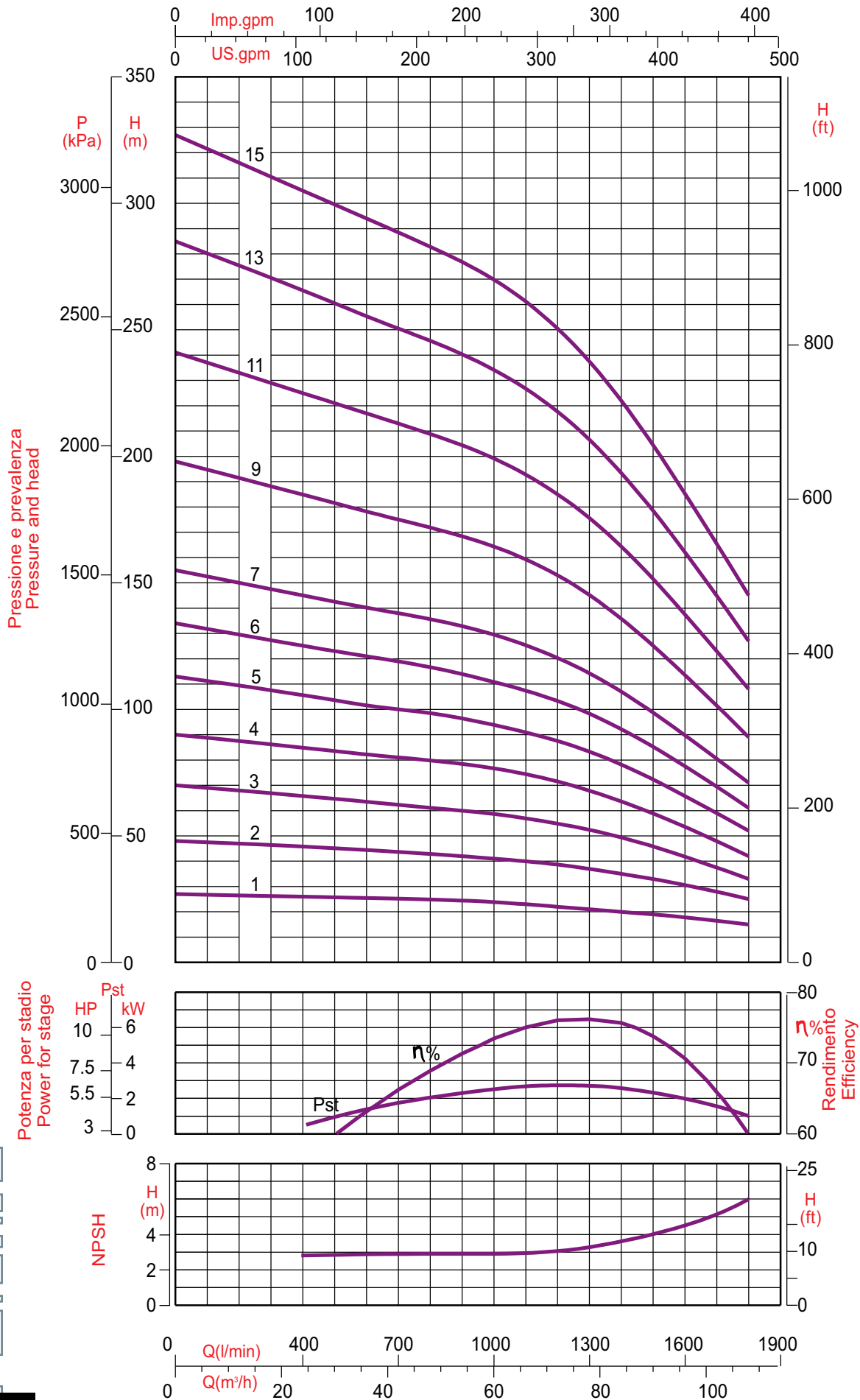
Dimensioni e pesi

Dimensions and weights

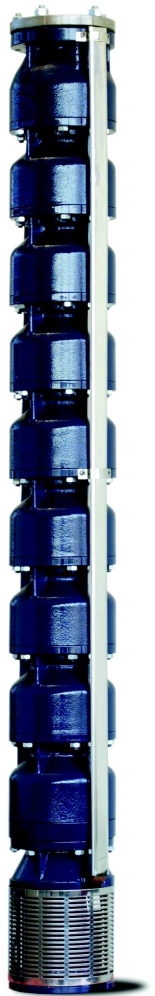
TIPO - TYPE	N. STADI STAGES	POMPA PUMP		MOTORE MOTOR		DM	A	D
		H	kg	h	kg			
S825-02 100	2	645	38	646.2	45.2	G 4	183	144
S825-03 125	3	780	47	678.7	47.5			
S825-04 175	4	915	56	776.2	56.7			
S825-05 200	5	1050	65	776.2	56.7			
S825-06 250	6	1185	74	841.5	63.3			
S825-07 300	7	1320	83	906.5	69.3			
S825-08 350	8	1455	92	1036.6	83.9			
S825-09 400	9	1590	101	1036.6	83.9			
S825-11 500	11	1860	119	1404.9	135			
S825-13 600	13	2130	137	1557.3	148			
S825-16 750	16	2535	164	1340	176			
R825-20 900	20	3075	200	1560	215			191

Curve caratteristiche 2 poli/50Hz

Performance curves 2 poles/50Hz



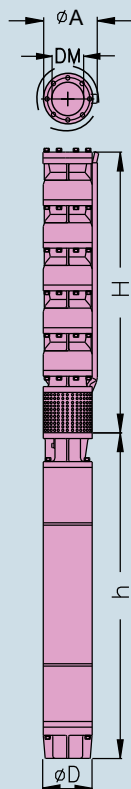
828S



2 poli/50Hz

2 poles/50Hz

TIPO - TYPE	DATI FUNZIONAMENTO MOTORE MOTOR OPERATING DATA				DATI IDRAULICI - HYDRAULIC DATA													
TRIFASE THREE - PHASE 400 V 50 Hz	POTENZA POWER		CORRENTE CURRENT		PORTATA CAPACITY													
	HP	kW	A 3x230 V	A 3x400 V	Q(l/min) 0	500	700	800	900	1000	1100	1200	1300	1400	1500	1600	1800	
					Q(m³/h) 0	30	42	48	54	60	66	72	78	84	90	96	108	
					H=prevalenza totale in m.c.a.					H=total head w.c.m.								
S828-01 75	7.5	5.5	23	13	28	27	26	25	24	23	22	21	20	19	18	17	16	
S828-02 125	12.5	9.2	36	21	50	44	43	42	41	40	39	38	37	35	34	30	23	
S828-03 200	20	15	60	34	69	65	63	60	59	58	57	54	52	49	47	42	33	
S828-04 300	30	22	79	46	92	81	80	79	78	77	72	70	68	65	58	53	42	
S828-05 350	35	26	93	56	112	102	99	98	95	93	91	86	85	79	72	66	52	
S828-06 400	40	30	109	63	134	121	119	117	113	111	107	102	98	93	85	77	60	
S828-07 500	50	37	133	78	154	142	138	135	133	130	125	120	115	107	99	90	72	
S828-09 600	60	45	161	92	197	180	176	172	167	165	159	152	145	136	126	115	89	
S828-11 750	75	55	192	109	241	220	213	210	205	200	193	187	176	167	152	138	110	
S828-13 900	90	66	241	140	284	260	254	246	241	236	229	218	207	194	180	163	127	
S828-15 1000	100	73.5	264	153	325	298	290	283	279	272	262	251	238	225	206	187	146	



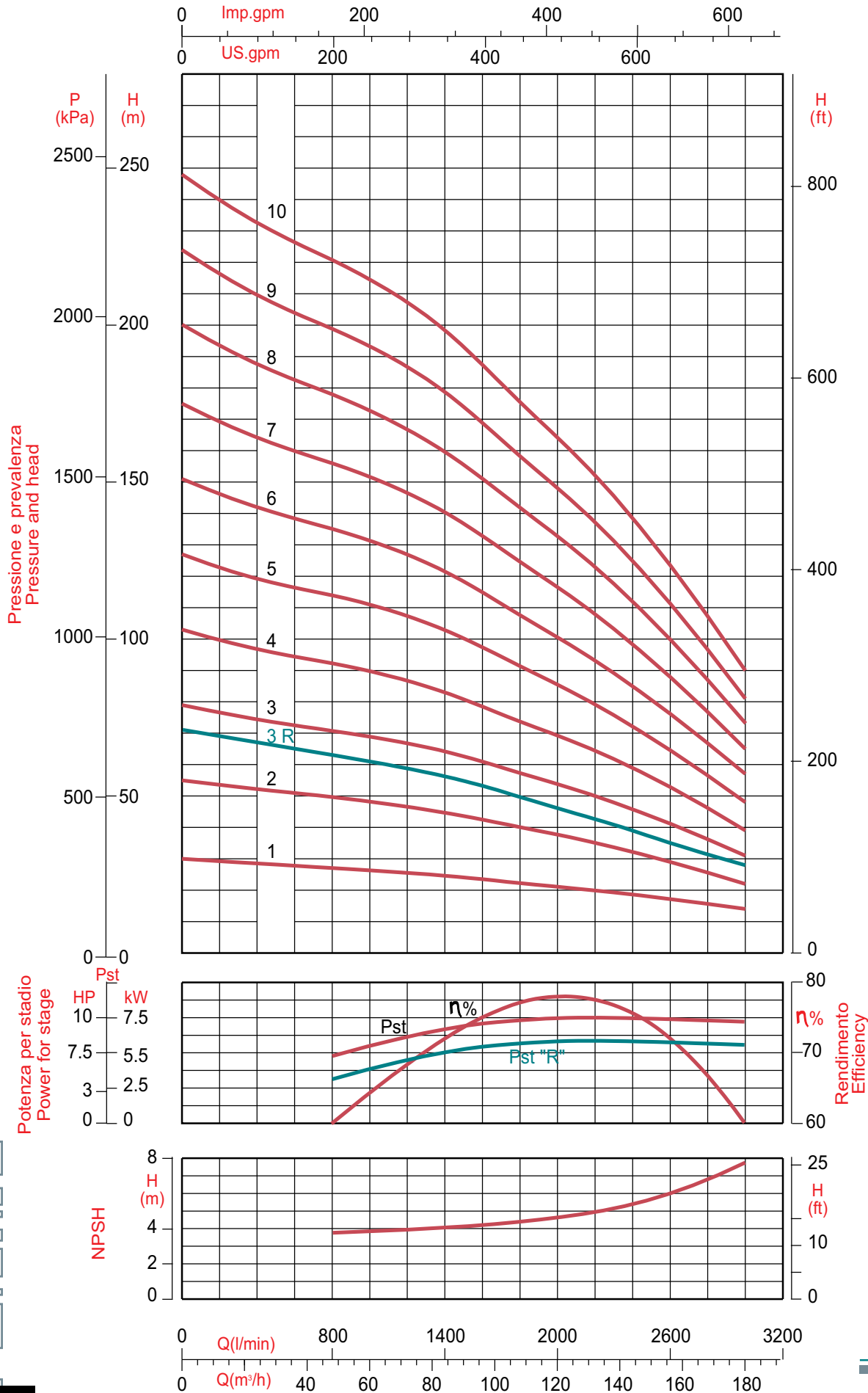
Dimensioni e pesi

Dimensions and weights

TIPO - TYPE	N. STADI STAGES	POMPA PUMP		MOTORE MOTOR		DM	A	D
		H	kg	h	kg			
S828-01 75	1	510	29	614.4	41.1	G 4	183	144
S828-02 125	2	645	38	678.7	47.5			
S828-03 200	3	780	47	776.2	56.7			
S828-04 300	4	915	56	906.5	63.3			
S828-05 350	5	1050	65	1036.6	83.9			
S828-06 400	6	1185	74	1036.6	83.9			
S828-07 500	7	1320	83	1404.9	135			
S828-09 600	9	1590	101	1557.3	148			
S828-11 750	11	1860	119	1340	176			
S828-13 900	13	2130	137	1560	215			
S828-15 1000	15	2400	155	1560	215			191

Curve caratteristiche 2 poli/50Hz

Performance curves 2 poles/50Hz



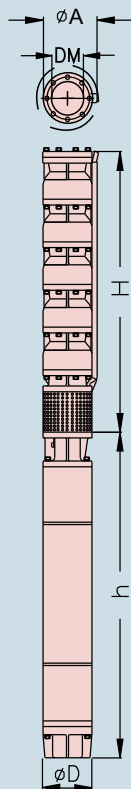
S 1045



2 poli/50Hz

2 poles/50Hz

TIPO - TYPE	DATI FUNZIONAMENTO MOTORE MOTOR OPERATING DATA				DATI IDRAULICI - HYDRAULIC DATA													
TRIFASE THREE - PHASE 400 V 50 Hz	POTENZA POWER		CORRENTE CURRENT		PORTATA CAPACITY													
	HP	kW	A 3x230 V	A 3x400 V	Q(l/min) 0	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	
					Q(m³/h) 0	48	60	72	84	96	108	120	132	144	156	168	180	
					H=prevalenza totale in m.c.a. H=total head w.c.m.													
S1045-01 100	10	7.5	30	17	30	27	26	25	24	23	22	21	20	19	18	17	14	
S1045-02 200	20	15	60	34	55	49	48	46	44	42	40	38	35	32	30	28	23	
S1045-03R 250	25	18.5	69	39	71	52	59	58	56	52	49	45	42	38	35	31	27	
S1045-03 300	30	22	79	46	79	71	69	67	63	60	57	53	50	45	40	37	31	
S1045-04 400	40	30	109	63	104	92	90	86	82	78	73	69	64	58	52	46	39	
S1045-05 500	50	37	133	78	127	113	111	107	103	97	91	85	79	72	64	57	48	
S1045-06 600	60	45	161	92	151	135	131	127	121	115	107	101	93	85	75	67	58	
S1045-07 750	75	55	192	109	175	156	151	146	140	132	124	116	108	98	87	77	66	
S1045-08 800	80	60	213	123	200	178	172	166	159	151	141	132	122	111	99	87	74	
S1045-09 900	90	68	241	140	224	199	193	186	178	169	157	147	137	125	111	96	82	
S1045-10 1000	100	75	264	153	248	221	214	207	198	187	175	163	152	138	123	107	91	



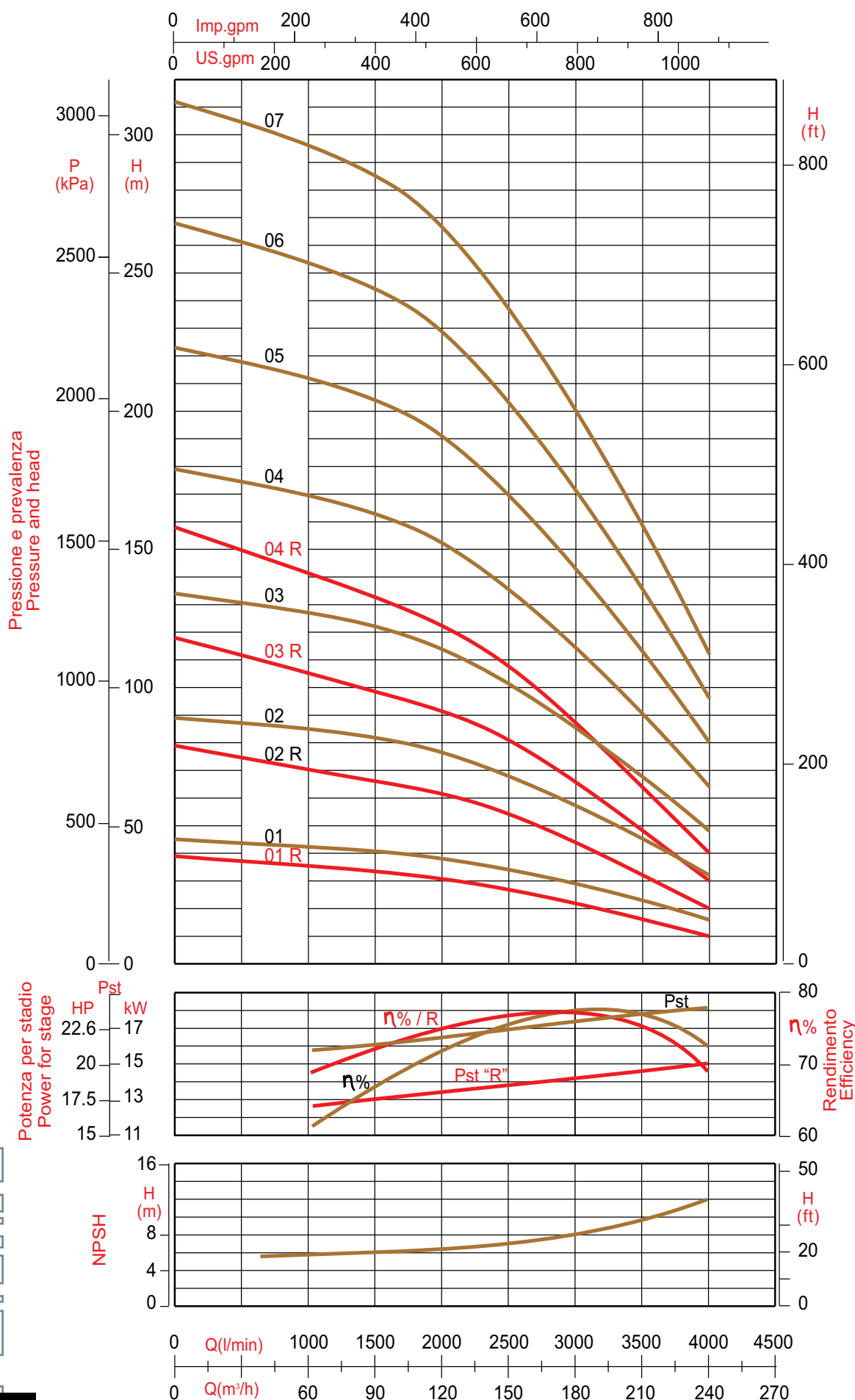
Dimensioni e pesi

Dimensions and weights

TIPO - TYPE	N. STADI STAGES	POMPA PUMP		MOTORE MOTOR		DM	A	D
		H	Kg	h	Kg			
S1045-01 100	1	570	41	646.2	45.2	G 5	206	144
S1045-02 200	2	710	54	776.2	56.7			
S1045-03R 250	3	850	67	841.5	63.3			
S1045-03 300	3	850	67	906.5	69.3			
S1045-04 400	4	990	80	1036.6	83.9			
S1045-05 500	5	1130	93	1404.9	135			
S1045-06 600	6	1270	106	1557.3	148			
S1045-07 750	7	1410	119	1340	176			191
S1045-08 800	8	1550	132	1340	176			
S1045-09 900	9	1690	145	1560	215			
S1045-10 1000	10	1830	158	1560	215			

Curve caratteristiche 2 poli/50Hz

Performance curves 2 poles/50Hz



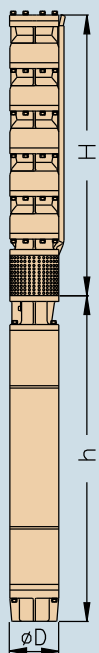
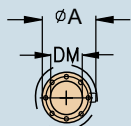
S1270



2 poli/50Hz

2 poles/50Hz

TIPO - TYPE	DATI FUNZIONAMENTO MOTORE MOTOR OPERATING DATA				DATI IDRAULICI - HYDRAULIC DATA											
TRIFASE THREE - PHASE 400 V 50 Hz	POTENZA POWER		CORRENTE CURRENT		PORTATA CAPACITY											
	HP	kW	A 3x230 V	A 3x400 V	Q(l/min) 0	1600	1900	2200	2500	2800	3000	3200	3400	3600	3800	4000
					Q(m³/h) 0	96	114	132	150	168	180	192	204	216	228	240
H=prevalenza totale in m.c.a. H=total head w.c.m.																
S1270-01R 200	20	15	60	34	39	33	31	29	27	24	22	19	17	15	13	10
S1270-01 250	25	18.5	73	39	45	40	39	37	34	31	29	26	24	22	20	16
S1270-02R 400	40	30	109	63	79	66	63	59	54	48	43	38	34	29	25	20
S1270-02 500	50	37	133	78	89	81	80	73	67	62	57	53	48	43	37	32
S1270-03R 600	60	45	161	92	118	98	92	88	80	72	65	58	52	44	36	30
S1270-03 750	75	55	192	109	134	121	116	110	102	93	85	80	73	64	56	48
S1270-04R 800	80	59	213	123	158	131	125	117	107	96	87	77	69	59	50	40
S1270-04 1000	100	75	264	153	179	161	155	146	135	123	113	105	95	85	75	64
S1270-05 1250	125	93		191	223	201	194	183	170	153	142	131	120	107	93	80
S1270-06 1500	150	110		232	268	242	232	220	203	184	170	157	143	128	112	96
S1270-07 1750	175	130		256	312	282	271	256	238	215	199	183	167	149	132	112



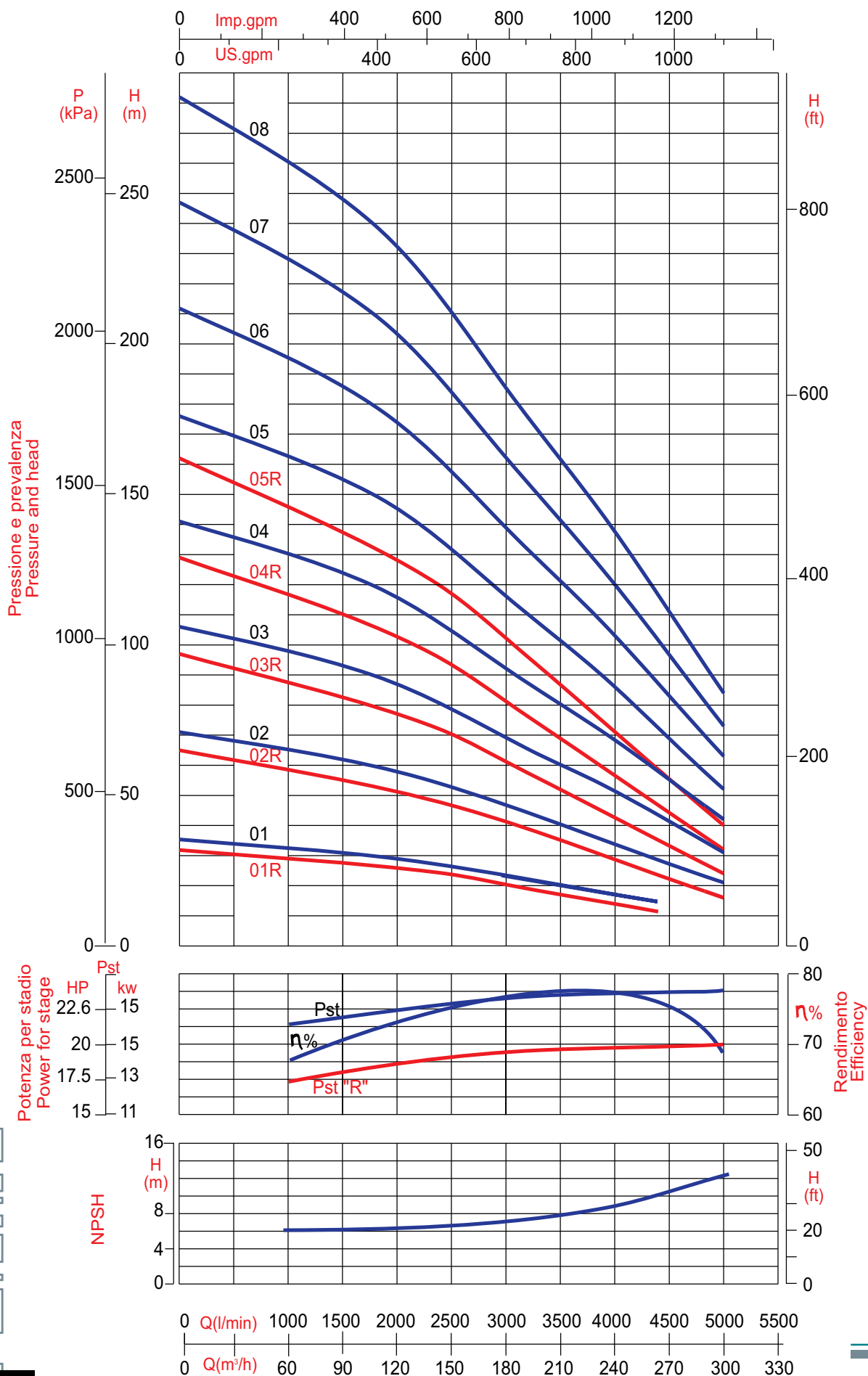
Dimensioni e pesi

Dimensions and weights

TIPO - TYPE	N. STADI STAGES	POMPA PUMP		MOTORE MOTOR		DM	A	D
		H	kg	h	kg			
S1270-01R 200	1	800	80	776.2	56.7	G 6	265	144
S1270-01 250	1	800	80	841.5	63.3			
S1270-02R 400	2	975	99	1036.6	83.9			
S1270-02 500	2	975	99	1404.9	135			
S1270-03R 600	3	1150	118	1557.3	148			191
S1270-03 750	3	1150	118	1340	176			
S1270-04R 800	4	1322	137	1340	176			
S1270-04 1000	4	1322	137	1560	215			
S1270-05 1250	5	1497	156	1740	247			232
S1270-06 1500	6	1672	175	1529	315			
S1270-07 1750	7	1847	194	1659	360			

Curve caratteristiche 2 poli/50Hz

Performance curves 2 poles/50Hz



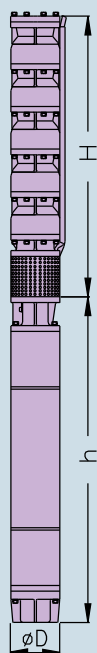
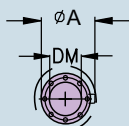
S1278



2 poli/50Hz

2 poles/50Hz

TIPO - TYPE	DATI FUNZIONAMENTO MOTORE MOTOR OPERATING DATA				DATI IDRAULICI - HYDRAULIC DATA											
TRIFASE THREE - PHASE 400 V 50 Hz	POTENZA POWER		CORRENTE CURRENT		PORTATA CAPACITY											
					Q(l/min) 0	2000	2300	2600	2900	3200	3500	3800	4100	4400	4700	5000
	HP	kW	A 3x230 V	A 3x400 V	Q(m³/h) 0	120	138	156	174	192	210	228	246	264	282	300
					H=prevalenza totale in m.c.a. H=total head w.c.m.											
S1278-01R 200	20	15	60	34	32	26	25	23	21	19	17	15	13	11	-	-
S1278-01 250	25	18.5	73	39	35	29	28	25	24	22	20	18	16	14	-	-
S1278-02R 400	40	30	109	63	65	51	49	46	42	38	35	31	27	23	20	16
S1278-02 500	50	37	133	78	71	58	55	51	48	44	40	37	33	29	25	21
S1278-03R 600	60	45	161	92	97	77	73	69	63	57	52	46	41	35	29	24
S1278-03 750	75	55	192	109	106	87	82	77	71	65	60	55	49	43	37	31
S1278-04R 800	80	59	213	123	129	102	97	91	84	76	69	75	54	47	39	32
S1278-04 1000	100	75	264	153	141	116	109	102	95	87	80	77	66	57	50	42
S1278-05R 1000	100	75	264	153	162	128	122	114	105	96	87	78	68	58	49	41
S1278-05 1250	125	93		191	176	145	137	129	119	110	101	93	82	72	51	52
S1278-06 1500	150	110		232	212	174	165	154	143	132	121	111	99	87	62	63
S1278-07 1750	175	130		256	247	203	192	179	167	139	141	130	115	101	87	73
S1278-08 2000	200	150		298	272	232	216	205	190	153	161	147	132	116	99	84



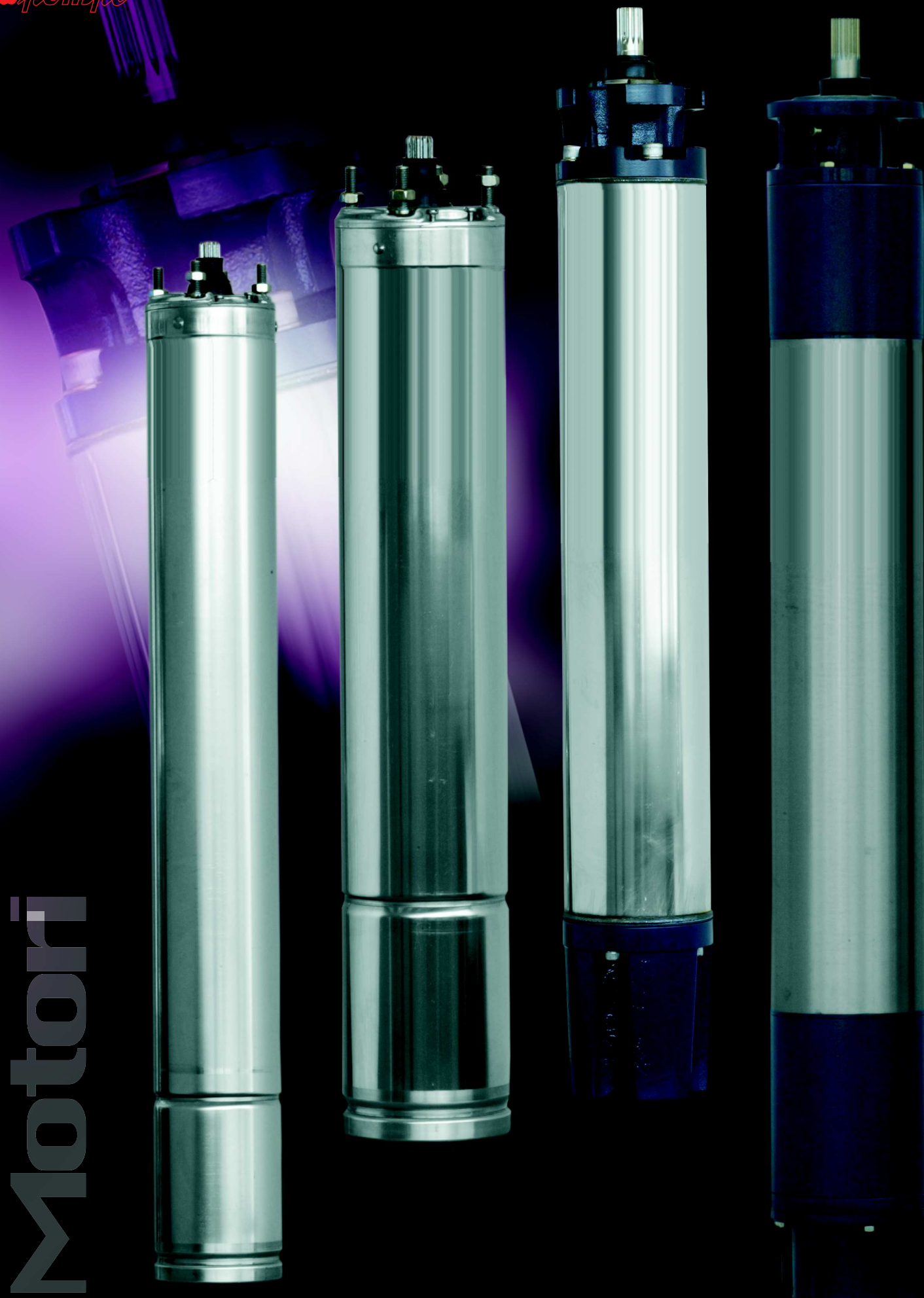
Dimensioni e pesi

Dimensions and weights

TIPO - TYPE	N. STADI STAGES	POMPA PUMP		MOTORE MOTOR		DM	A	D
		H	kg	h	kg			
S1278-01R 200	1	800	80	776.2	56.7	G 6	265	144
S1278-01 250	1	800	80	841.5	63.3			
S1278-02R 400	2	975	99	1036.6	83.9			
S1278-02 500	2	975	99	1404.9	135			
S1278-03R 600	3	1150	118	1557.3	148			191
S1278-03 750	3	1150	118	1340	176			
S1278-04R 800	4	1322	137	1340	176			
S1278-04 1000	4	1322	137	1560	215			
S1278-05R 1000	5	1497	156	1560	215			
S1278-05 1250	5	1497	156	1740	247			
S1278-06 1500	6	1672	175	1529	315			232
S1278-07 1750	7	1847	194	1659	360			
S1278-08 2000	8	2235	213	1769	411			

Motori

Motori



Generalità costruttive

Motore asincronico trifase a bagno di liquido refrigerante, con statore ermeticamente sigillato. Una membrana posta al disotto del cuscinetto assiale provvede ad assorbire le sovrappressioni generate dal riscaldamento dell'avvolgimento e dalla conseguente dilatazione del liquido di riempimento del motore. La tenuta sull'albero è normalmente realizzata mediante tenuta meccanica. Albero supportato da cuscinetti obliqui a sfere. Cavo di alimentazione 4 metri di lunghezza. Dimensione di accoppiamento a norma NEMA.

Limiti d'impiego

- Massima profondità di immersione 150 m
- Massimo numero di avviamento orari 30 avv. diretto
- Temperatura dell'acqua 30 °C
- Installazione verticale, orizzontale e obliquo
- Tolleranza nominale voltaggio -10% +6%
- Protezione IP 68
- Protezione motori con relè termico secondo le norme VDE classe di scatto (trip) 10 o 10 A tempo di scatto < 10 s a 5 x A

Esecuzioni speciali

- Tensioni speciali
- Motore completamente in AISI 316

Construction features

Asynchronous three-phase refrigerant liquid bath motor with stator hermetically sealed. A membrane located under the thrust bearing provides to occlude the over pressure generated by calefaction of the winding and of the motor filling liquid. The seal on the shaft is usually achieved through the mechanical seal. Shaft supported by oblique ball bearings. Feeding cable 4 m. of length. Coupling dimensions to NEMA standard.

Application limits

- Max immersion depth: 150 m;
- Max number of starting per hour = 30 direct starting;
- Water temperature 30 °C;
- Vertical, horizontal and oblique installation;
- Nominal tolerance voltage -10% +6%
- Protection IP 68
- Motors protection with thermal relay according to VDE, trip class 10 or 10 A trip time < 10 s to 5 x A

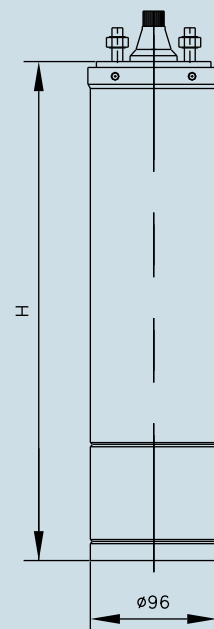
Special performances

- Special voltages
- Motor totally in AISI 316

MONOFASE 1X230 V 50 Hz SINGLE-PHASE 1X230 V 50 Hz										
Tipo Motore Motor Type	PN		Ax. Charge N	nN min ⁻¹	A	AS A	η (%)	Cos.φ	H	Kg
	kw	HP								
4M0005	0.37	0.5	2000	2840	3.4	9.2	0.52	0.96	345	7.5
4M0007	0.55	0.75	2000	2840	4.5	13	0.57	0.97	375	8.7
4M0010	0.75	1	2000	2860	6.5	22	0.62	0.88	395	9.5
4M0015	1.1	1.5	2000	2840	9.4	36	0.62	0.93	440	11.3
4M0020	1.5	2	2000	2820	11.2	42	0.67	0.96	485	13.7
4M0030	2.2	3	2000	2810	15.1	60	0.69	0.93	505	14.7
TRIFASE 3X400 V 50 Hz THREE-PHASE 3X400 V 50 Hz										
4T0005	0.37	0.5	2000	2830	1.4	5.3	0.58	0.65	325	8.5
4T0007	0.55	0.75	2000	2820	1.7	7.1	0.63	0.75	345	8.9
4T0010	0.75	1	2000	2830	2.3	9.8	0.67	0.75	375	9.6
4T0015	1.1	1.5	2000	2830	3.2	14	0.68	0.77	395	10.1
4T0020	1.5	2	2000	2830	4.2	21	0.69	0.80	440	12.2
4T0030	2.2	3	2000	2830	6	28	0.71	0.80	485	13.8
4T0040	3	4	4000	2850	7.8	38	0.73	0.80	558	17.3
4T0055	4	5.5	4000	2870	10.2	56	0.78	0.81	628	21
4T0075	5.5	7.5	5000	2850	13.1	77	0.80	0.80	698	24
4T0100	7.5	10	5000	2840	17	84	0.80	0.82	778	28

PN - Potenza nominale - Rated power
Ax - Carico assiale - Axial charge
nN - Giri minuti motore - RPM motor
A - Corrente nominale - Rated current

AS - Corrente di spunto - Starting current
η - Rendimento motore - Motor efficiency
Cos φ - Fattore di potenza - Power factor



Motori sommersi per pozzi da 6"
Submersible motors for 6" wells
Generalità costruttive

Motore asincronico trifase a bagno d'acqua, con rotore ermeticamente sigillato. Una membrana posta al disotto del cuscinetto assiale provvede ad assorbire le sovrappressioni generate dal riscaldamento dell'avvolgimento e dalla conseguente dilatazione dell'acqua di riempimento del motore. La tenuta sull'albero è normalmente realizzata mediante tenuta meccanica. Albero supportato da cuscinetti reggispinta a pattini oscillanti (tipo Michell) e guidata da cuscinetti a boccata lubrificati ad acqua. Cavo di alimentazione 4 metri di lunghezza. Dimensione di accoppiamento a norma NEMA.

Limiti d'impiego

- Massima profondità di immersione 350 m
- Massimo numero di avviamento orari 25 avv. diretto 30 avviamento indiretto
- Temperatura dell'acqua 30 °C
- Installazione verticale orizzontale e obliquo
- Tolleranza nominale voltaggio -10% +6%
- Protezione IP 68
- Protezione motori con relè termico secondo le norme VDE classe di scatto (trip) 10 o 10 A tempo di scatto < 10 s a 5 x A

Esecuzioni speciali

- Per temperature oltre i 30° C del liquido pompato
- Tensioni speciali
- Tenuta meccanica per quantità di sabbia oltre i 25 g/m³
- Motore completamente in AISI 316
- Con sensore di temperatura incorporato

Construction features

Asynchronous three-phase water bath motor, with stator hermetically sealed. A membrane located under the thrust bearing provides to occlude the over pressure generated by calefaction of the winding and the motor filling water. The seal on the shaft is usually achieved through the mechanical seal. Shaft supported by collar bearings swinging skid (as Michell) and driven by ferrule bearings lubricated by water. Motors line cord 4 m. of length. Coupling dimensions to NEMA standard.

Application limits

- Max immersion depth: 350 m;
- Max number of starting per hour 25 direct starting 30 indirect starting;
- Water temperature 30 °C;
- Vertical, horizontal and oblique installation;
- Nominal tolerance voltage -10% +6%
- Protection IP 68
- Motors protection with thermal relay according to VDE, trip class 10 or 10 A, trip time < 10 s to 5x A

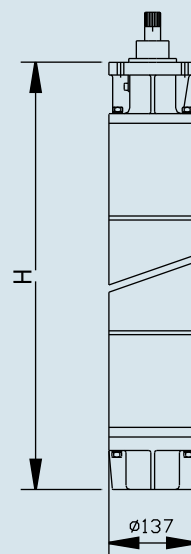
Special performances

- For temperature over 30° C of the pumped liquid;
- Special voltages;
- Mechanical seal for quantity of sand over 25 g/m³;
- Motor totally in AISI;
- With incorporated sensor of temperature.

TRIFASE 3X400 V 50 Hz THREE-PHASE 3X400 V 50 Hz										
Tipo Motore Motor Type	PN		Ax. Charge N	nN min ⁻¹	A		η (%)	Cos. f	H	Kg
	kw	HP			A	AS A				
6M5A	4	5.5	6500	2860	9.8	43	78.0	0.82	581.2	37.5
6M7A	5.5	7.5	6500	2870	13	64	79.0	0.82	614.4	41.1
6M10A	7.5	10	15500	2860	17	83	79.0	0.86	646.2	45.2
6M12A	9.3	12.5	15500	2870	21	112	81.0	0.80	678.7	47.5
6M15A	11	15	15500	2860	24	129	81.0	0.85	711.2	50.9
6M20A	15	20	15500	2860	34	169	81.0	0.85	776.2	56.7
6M25A	18.5	25	15500	2850	39	231	82.0	0.85	841.5	63.3
6M30A	22	30	15500	2860	46	268	83.0	0.86	906.5	69.3
6M40A	30	40	27500	2860	63	393	83.0	0.84	1036.6	83.9
6M50A	37	50	27500	2880	79	410	84.5	0.87	1404.9	135
6M60A	45	60	27500	2880	92	514	86.0	0.86	1557.3	148

PN - Potenza nominale - Rated power
 Ax - Carico assiale - Axial charge
 nN - Giri minuti motore - RPM motor
 A - Corrente nominale - Rated current

AS - Corrente di spunto - Starting current
 η - Rendimento motore - Motor efficiency
 Cos f - Fattore di potenza - Power factor



Generalità costruttive

Motore asincronico trifase a bagno d'acqua, con rotore riavvolgibile. Una membrana posta al disotto del cuscinetto assiale provvede ad assorbire le sovrappressioni generate dal riscaldamento dell'avvolgimento e dalla conseguente dilatazione dell'acqua di riempimento del motore. La tenuta sull'albero è normalmente realizzata mediante tenuta meccanica. Albero supportato da cuscinetti regispinta a pattini oscillanti (tipo Michell) e guidata da cuscinetti a boccata lubrificati ad acqua. Cavo di alimentazione motore 6 metri di lunghezza. Dimensione di accoppiamento a norma NEMA.

Limiti d'impiego

- Massima profondità di immersione 350 m
- Massimo numero di avviamento orari 15 avv. diretto 20 avviamento indiretto
- Temperatura dell'acqua 30 °C
- Installazione verticale, orizzontale e obliquo
- Tolleranza nominale voltaggio -10% +6%
- Si possono fornire motori fino 92 KW con avvolgimento XLPE+PA per temperature acqua max 50° C
- Protezione motori con relè termico secondo le norme VDE classe di scatto (trip) 10 o 10 A tempo di scatto < 10 s a 5 x A
- Protezione IP 68

Esecuzioni speciali

- Per temperature oltre i 30 °C del liquido pompato
- Tensioni speciali
- Tenuta meccanica per quantità di sabbia oltre i 25 g/m³
- Motore completamente in AISI 316
- Con sensore di temperatura incorporato

Construction features

Asynchronous three-phase water bath motor with rewindable stator. A membrane located under the thrust bearing provides to occlude the over pressure generated by calefaction of the winding and of the motor filling water. The seal on the shaft is usually achieved through the mechanical seal. Shaft supported by collar bearings swinging skid (as Michell) and driven by ferrule bearings lubricated by water.

Motors line cord 6 m. of length.

Coupling dimensions to NEMA standard.

Application limits

- Max immersion depth: 350 m;
- Max number of starting per hour = 15 direct starting, 20 indirect starting;
- Water temperature 30 °C;
- Vertical, horizontal and oblique installation;
- Nominal tolerance voltage -10% +6%;
- We can supply motors until 92 KW with winding XLPE+PA for water's temperature maximum 50° C;
- Motors protection with thermal relay according to VDE, trip class 10 or 10 A trip time < 10 s to 5 x A;
- Protection IP 68.

Special performances

- For temperature over 30 °C of the pumped liquid;
- Special voltages;
- Mechanical seal for quantity of sand over 25 g/m³;
- Motor totally in AISI;
- With incorporated sensor of temperature.

TRIFASE 3X400 V 50 Hz THREE-PHASE 3X400 V 50 Hz											
Tipo Motore Motor Type	P N		Ax. Charge	nN	A	AS	η	Cos φ	H	D	Kg
	kw	HP	N	min ⁻¹	A	A	(%)				
8J50A	37	50	45000	2890	78	416	85.4	0.86	1140	191	140
8J60A	45	60	45000	2895	92	525	86.2	0.86	1230		156
8J75A	55	75	45000	2915	109	674	87.3	0.86	1340		176
8J100A	75	100	45000	2910	153	1141	88.2	0.81	1560		215
8J125A	92	125	45000	2910	191	1365	88.7	0.83	1740	232	247
10M150A	110	150	60000	2920	232	1157	0.86	0.81	1529		315
10M175A	130	175	60000	2920	256	1344	0.88	0.85	1659		360
10M200A	150	200	60000	2920	298	1588	0.87	0.85	1769		411
10M250A	185	250	60000	2920	384	2164	0.88	0.81	1919		449

PN - Potenza nominale - Rated power
Ax - Carico assiale - Axial charge
nN - Giri minuti motore - RPM motor
A - Corrente nominale - Rated current

AS - Corrente di spunto - Starting current
η - Rendimento motore - Motor efficiency
Cos φ - Fattore di potenza - Power factor

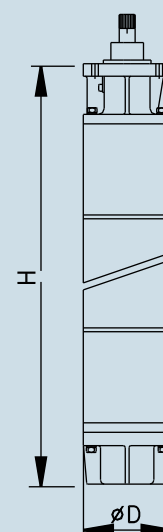


Tabella scelta del cavo di alimentazione
Choose table of feeding cable
1X230V/50Hz - Avviamento diretto Direct starting

Corrente Current	Potenza Power		Lunghezza del cavo in m Cable length in m	Sezione del cavo in mm² Cable cross-section in mm²							
Amper	HP	kW		1.5	2.5	4	6	10	16	25	
6	0.75	0.5		55	90	140					
8	1	0.75		40	70	110	165				
10	1.5	1.1		30	60	80	120	195			
12	2	1.5		22	36	60	100	145	230		
15	3	2.2			30	50	80	120	185	210	

Tensione: 230/400 V
Caduta di tensione: 3%
Temperature ambiente: 30 °C.

Voltage: 230/400 V
Voltage drop: 3%
Ambient temperature: 30 °C.

3X400V/50Hz - Avviamento diretto Direct starting

Corrente Current	Potenza Power		Lunghezza del cavo in m Cable length in m.	Sezione cavo(mm²) Cable cross-section (mm²)															
Amper	HP	kW		2.5	4	6	10	16	25	35	50	70	95	120	150	185	240		
2.2	1	0.75		638															
3.2	1.5	1.1		419	667														
4.1	2	1.5		291	468	696													
5.8	3	2.2		199	317	472	775												
7.8	4	3		150	244	360	597	934											
9.5	5.5	4		118	191	283	462	726	1095	1491									
13	7.5	5.5		85	138	204	330	521	792	1075	1471								
17	10	7.5		66	105	151	250	389	594	805	1102								
20	12.5	9.1		52	85	132	211	336	514	706	970								
24	15	11			72	112	178	283	435	594	818								
31	20	15				79	138	211	323	442	613								
39	25	18.5				66	112	171	264	363	495								
48	30	22					92	145	224	303	422								
54	35	26					80	123	190	268	337								
62	40	30						112	171	231	316	422	541	646	765	884	1049		
76	50	37						92	138	148	257	349	448	534	633	732	864		
92	60	45							112	158	217	290	369	442	528	607	719		
110	75	55								125	178	237	303	363	435	501	600		
148	100	75									132	178	231	277	330	382	462		
184	125	92										138	178	211	250	290	349		
220	150	110											151	184	217	250	297		
288	200	150												138	171	198	237		

È importante utilizzare un cavo di alimentazione elettrica di idonea sezione per ottenere un buon funzionamento dell'elettropompa. Riferirsi alle tabelle per determinare la massima lunghezza ammissibile del cavo in funzione della sua sezione. È opportuno non usare sezioni inferiori a quelle calcolate per non incrementare la caduta di tensione ed il riscaldamento sui cavi (deterioramento delle anime isolanti)

It's important to use an electric feeding cable of right section to have a good functioning of the electropump. Please refer to the schedule above to state maximum cable length allowed depending on its section. It's obvious not to use sections lesser then those calculated not to increase the falling down of voltage and cable heating (insulating souls deterioration)

Star-delta starting

Corrente Current		Potenza Power		Lunghezza del cavo in m Cable length in m.	Sezione del cavo in mm² Cable cross-section in mm²											
Amper	HP	kW	2.5		4	6	10	16	25	35	50	70	95	120	150	185
9.5	5.5	4	178	283	422	693	1089	1650								
13	7.5	5.5	125	204	303	501	785	1188	1610							
17	10	7.5	99	151	231	376	587	891	1207	1650						
21	12.5	9.1	79	132	198	323	508	772	1056	1458						
24	15	11	66	112	165	227	270	429	653	891	1234					
31	20	15	52	85	125	172	204	323	488	666	924					
39	25	18.5	39	66	99	138	165	257	396	541	745					
48	30	22		59	85	116	138	217	330	455	633					
63	40	30			66	89	105	165	250	343	475	818	976	1148	1333	1577
76	50	37				85	138	204	283	389	521	666	798	943	1095	1300
92	60	45				72	112	171	237	323	435	561	666	785	910	1082
110	75	55					92	138	191	264	356	349	415	495	580	686
148	100	75						105	145	198	270	349	415	495	580	686
184	125	92							112	158	211	270	323	376	442	521
220	150	110								132	178	231	270	323	376	442
288	200	150									138	178	211	250	297	356

L= Length table

Schedule to choose joint Kit

Sezione del cavo di discesa (mm) Section of the descent cable (mm)						
1.5	2.5	4	6	10	16	25
Kit 22				Kit 34		

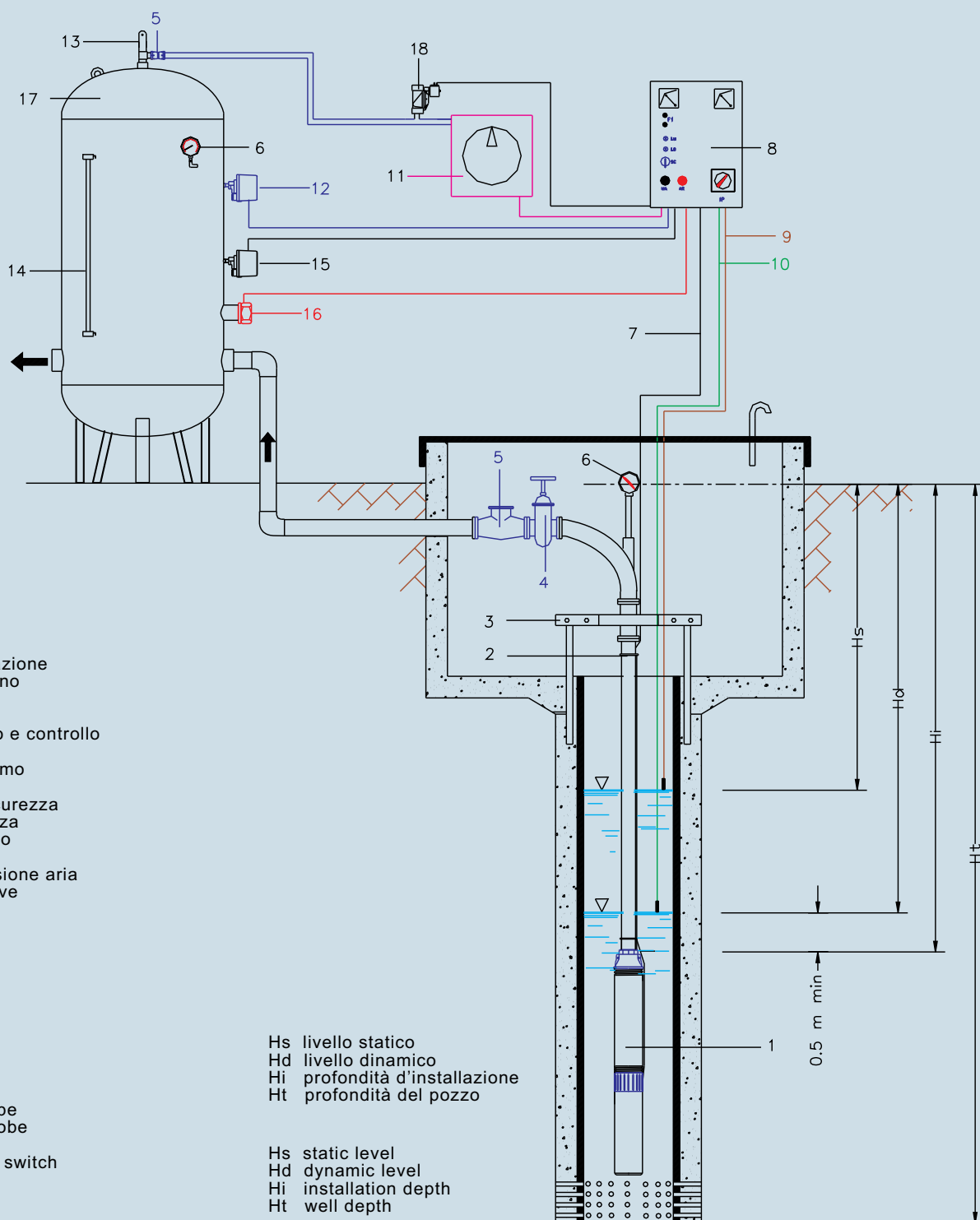
Right for electric link of feeding cable in water, it allows a double watertight protection.



Schema d'installazione

Installation diagram

Sommersa con autoclave e compressore - Submersible with autoclave and compressor



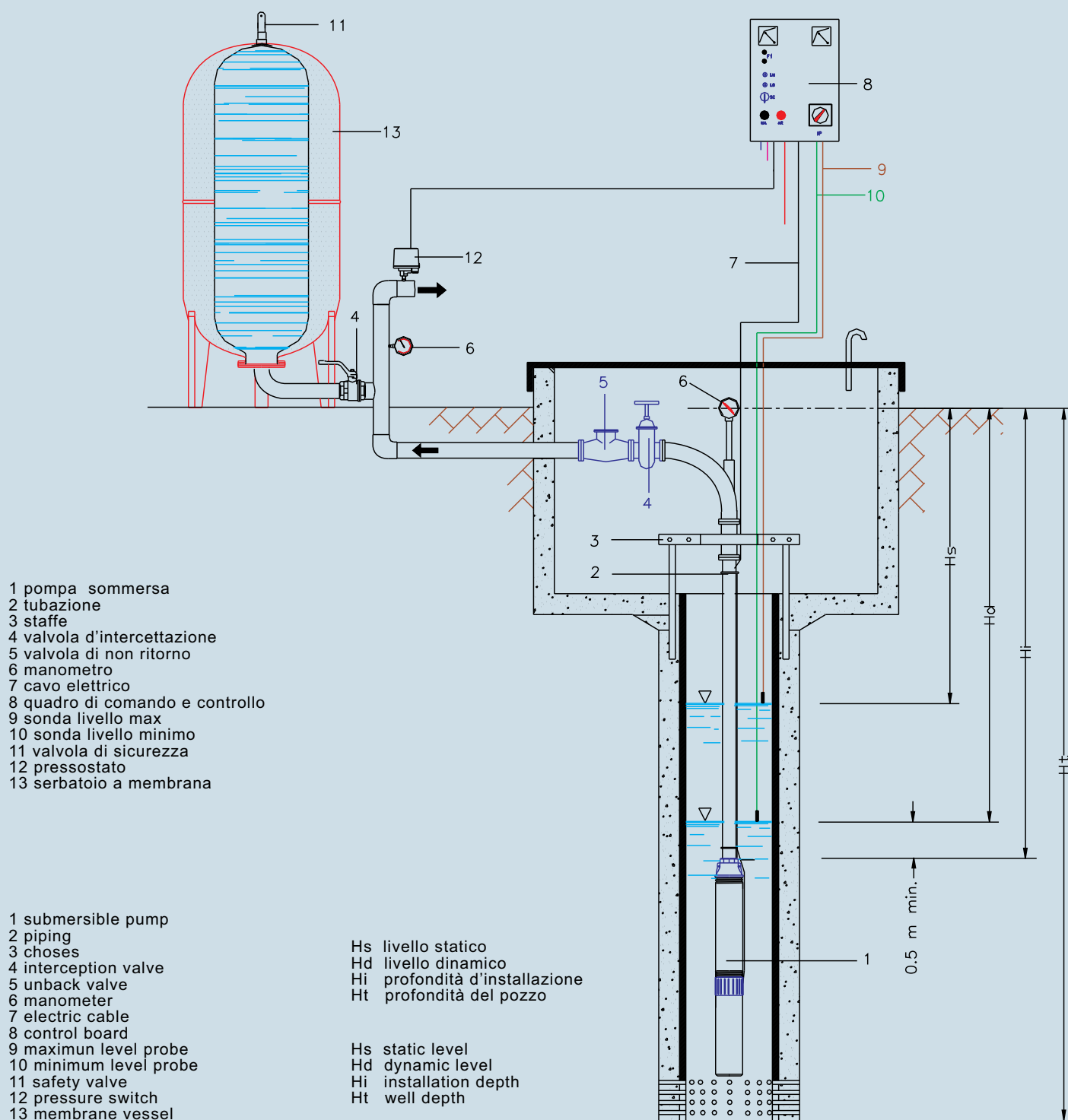
- 1 pompa sommersa
- 2 tubazione
- 3 staffe
- 4 valvola d'intercettazione
- 5 valvola di non ritorno
- 6 manometro
- 7 cavo elettrico
- 8 quadro di comando e controllo
- 9 sonda livello max
- 10 sonda livello minimo
- 11 compressore
- 12 pressostato di sicurezza
- 13 valvola di sicurezza
- 14 indicatore di livello
- 15 pressostato
- 16 regolatore immissione aria
- 17 serbatoio autoclave
- 18 elettrovalvola

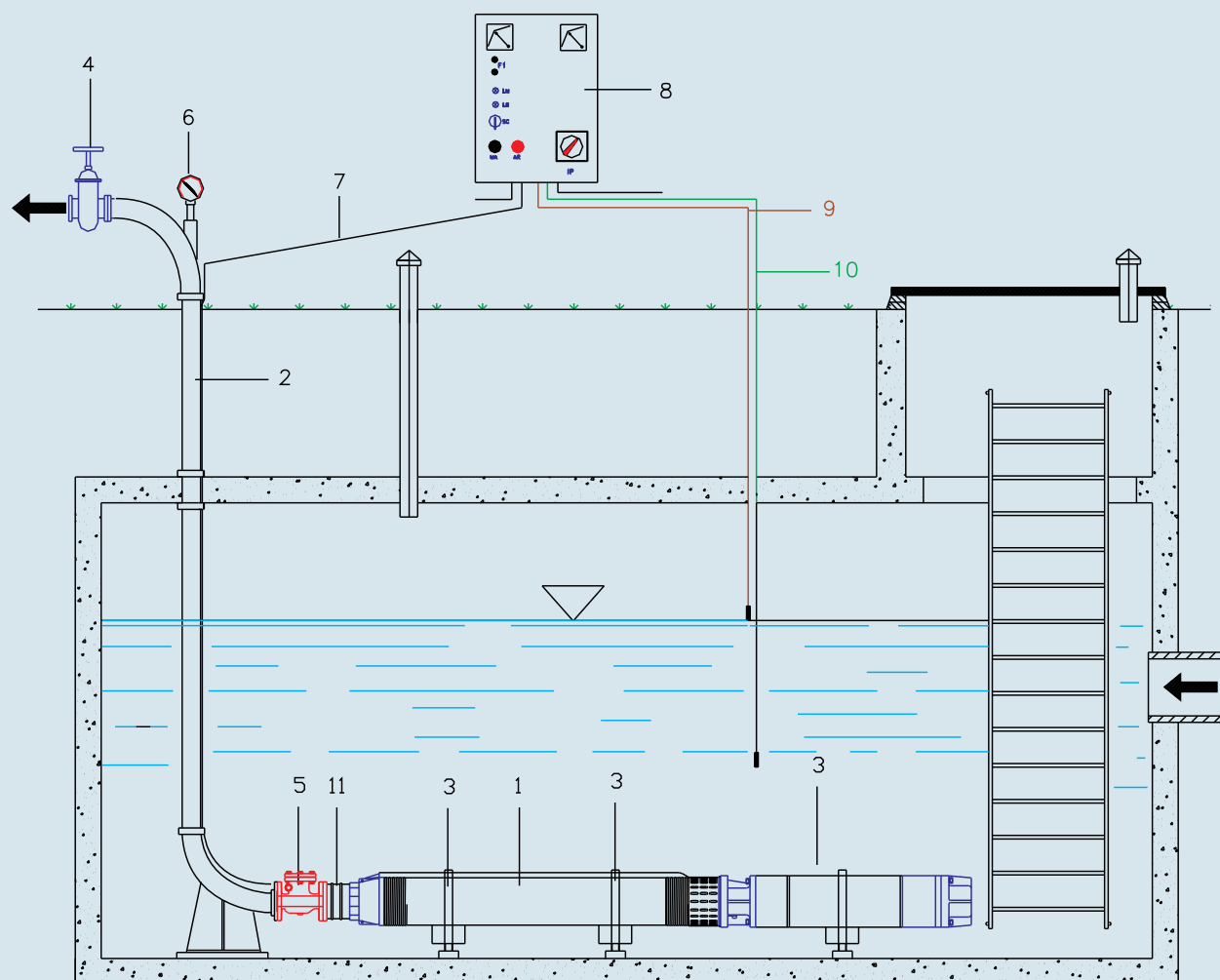
- 1 submersible pump
- 2 piping
- 3 chases
- 4 interception valve
- 5 unback valve
- 6 manometer
- 7 electric cable
- 8 control board
- 9 maximum level probe
- 10 minimum level probe
- 11 compressor
- 12 security pressure switch
- 13 safety valve
- 14 level indicator
- 15 pressure switch
- 16 regulator water input
- 17 autoclave vessel
- 18 electrovalve

Hs livello statico
Hd livello dinamico
Hi profondità d'installazione
Ht profondità del pozzo

Hs static level
Hd dynamic level
Hi installation depth
Ht well depth

Sommersa con autoclave a membrana - Submersible with membrane autoclave



Schema d'installazione
Installation diagram
Orizzontale in vasca - Horizontal in tank


- 1 pompa sommersa
- 2 tubazione
- 3 staffe
- 4 valvola d'intercettazione
- 5 valvola di non ritorno
- 6 manometro
- 7 cavo elettrico
- 8 quadro di comando e controllo
- 9 sonda livello max
- 10 sonda livello minimo
- 11 giunto elastico

- 1 submersible pump
- 2 piping
- 3 choses
- 4 interception valve
- 5 unback valve
- 6 manometer
- 7 electric cable
- 8 control board
- 9 maximum level probe
- 10 minimum level probe
- 11 flexible coupling

Sommersa con riempimento vasca - Submersible with filling tank

