

4"6"8"10" DEEPWELL SUBMERSIBLE PUMPS



ADAPTABILITY. RIGHT OPTION. OPPORTUNITY. WORD OF TRUST

STAINLESS STEEL SUBMERSIBLE PUMPS

ALGO ALINOX Series stainless steel bore hole submersible pumps are multistage centrifugal type and are designed to deliver best efficiency. All hydraulic components are fabricated with high grade non-magnetic corrosion resistant SS304 / SS316 stainless steel materials for hygienic water supply and longer life. All components are precisely machined & balanced to have excellent mechanical stability and withstand high torque. These pumps are provided with inbuilt Check valve to prevent back flow of water. These pumps are available with combination type NEMA standard mounting dimensions also to suit with higher and lower diameter NEMA Standard motors.

PUMP OPERATING LIMITATIONS

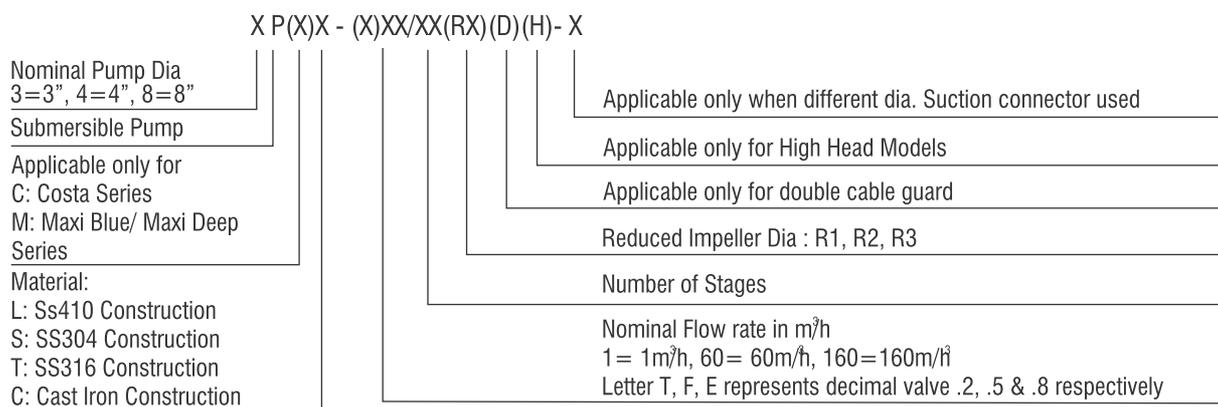
Model	3PS	4PS	6PS	8PS	10PS
Nominal Dia.	3" (75mm)	4" (100mm)	6" (150mm)	8" (200mm)	10" (250mm)
Power Range	0.25 - 1.1kW	0.37 - 7.5 kW	2.2 - 55 kW	5.5 - 110 kW	9.3 - 220 kW
Speed	2900 rpm	2900 rpm	2900 rpm	2900 rpm	2900 rpm
Flow Range m ³ /h	0 - 3	0.4 - 20	7 - 76	20 - 126	18 - 280
Head range m	10 - 144	4.0 - 480	4.5 - 645	8 - 475	6 - 488
Outlet size	1"	1¼", 1½" & 2"	2", 2½", 3" & 4"	4" & 5"	6"

OPERATING CONDITIONS

Liquid Temperature	: 33°C (NBR) 90°C (VITON)
Max. Permissible Sand Content	: 50 g/m ³
Max. Allowable TDS	: 3000 PPM
Specific Gravity	: 1.004
PH	: 6.5 to 8.5

High Temperature Applications: Pumps will be supplied with Viton rubber material, on request at additional cost.

MODEL NOMENCLATURE



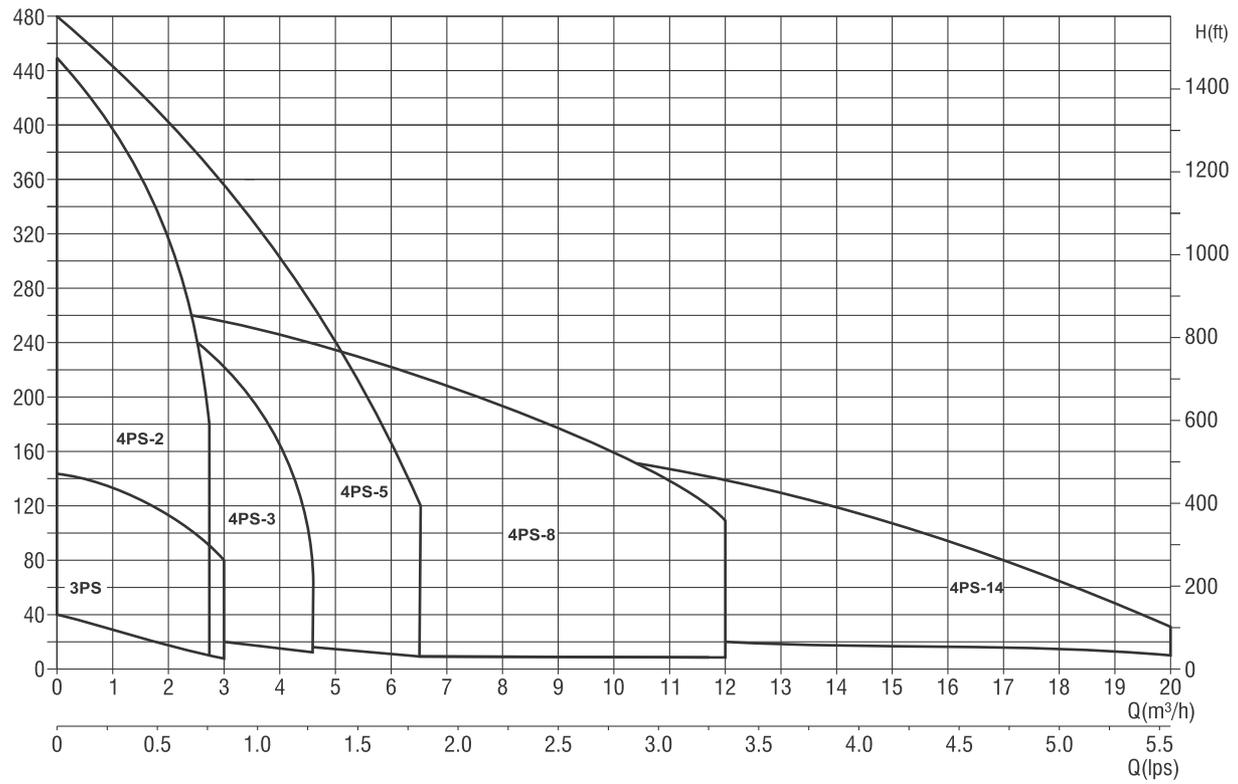
Available in both SS304 (PS Type) & SS316 (PT Type) construction

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ALINOX SERIES

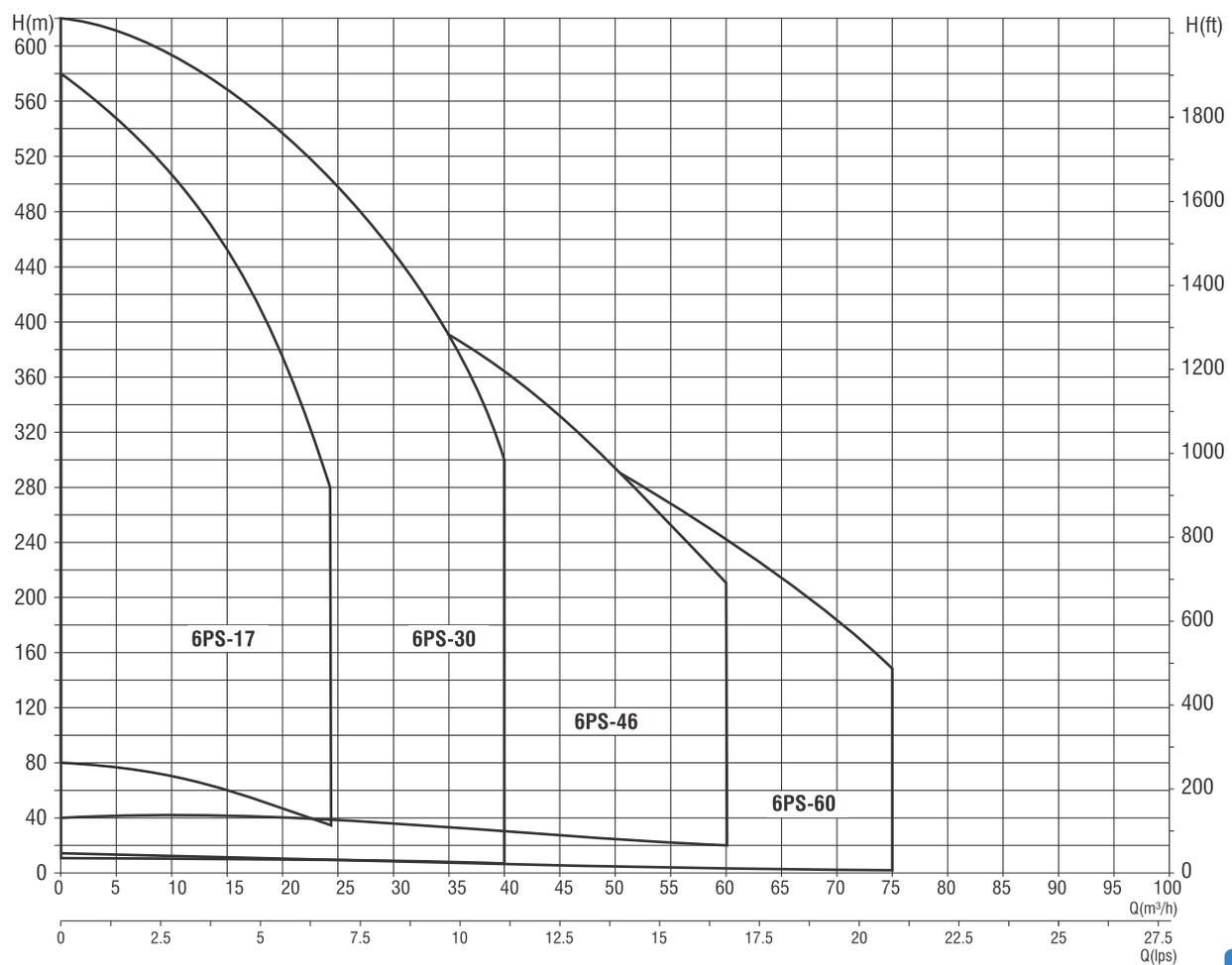
3PS & 4PS Group Performance

2900 rpm



6PS Group Performance

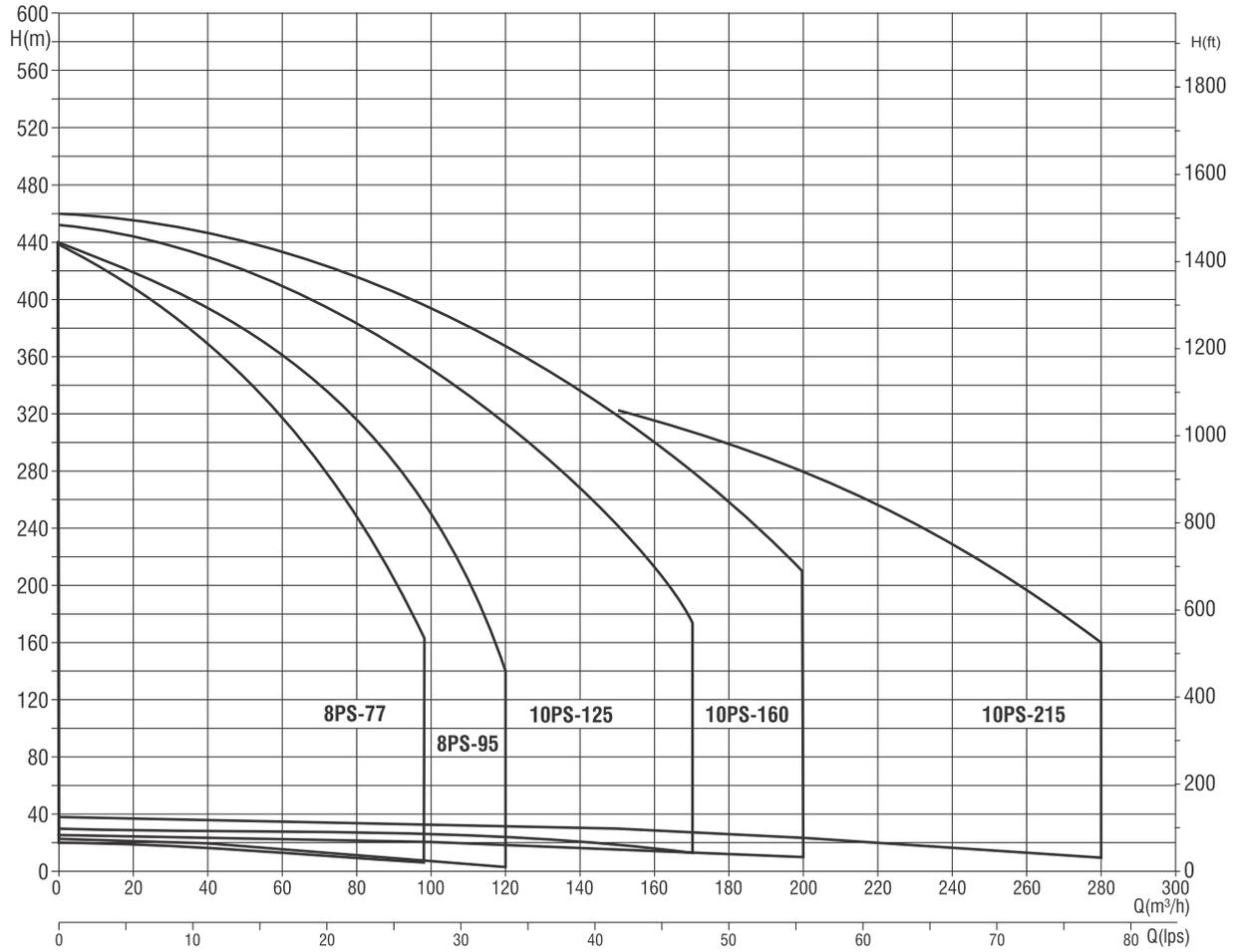
2900 rpm



STAINLESS STEEL SUBMERSIBLE PUMPS

8PS & 10PS Group Performance

2900 rpm



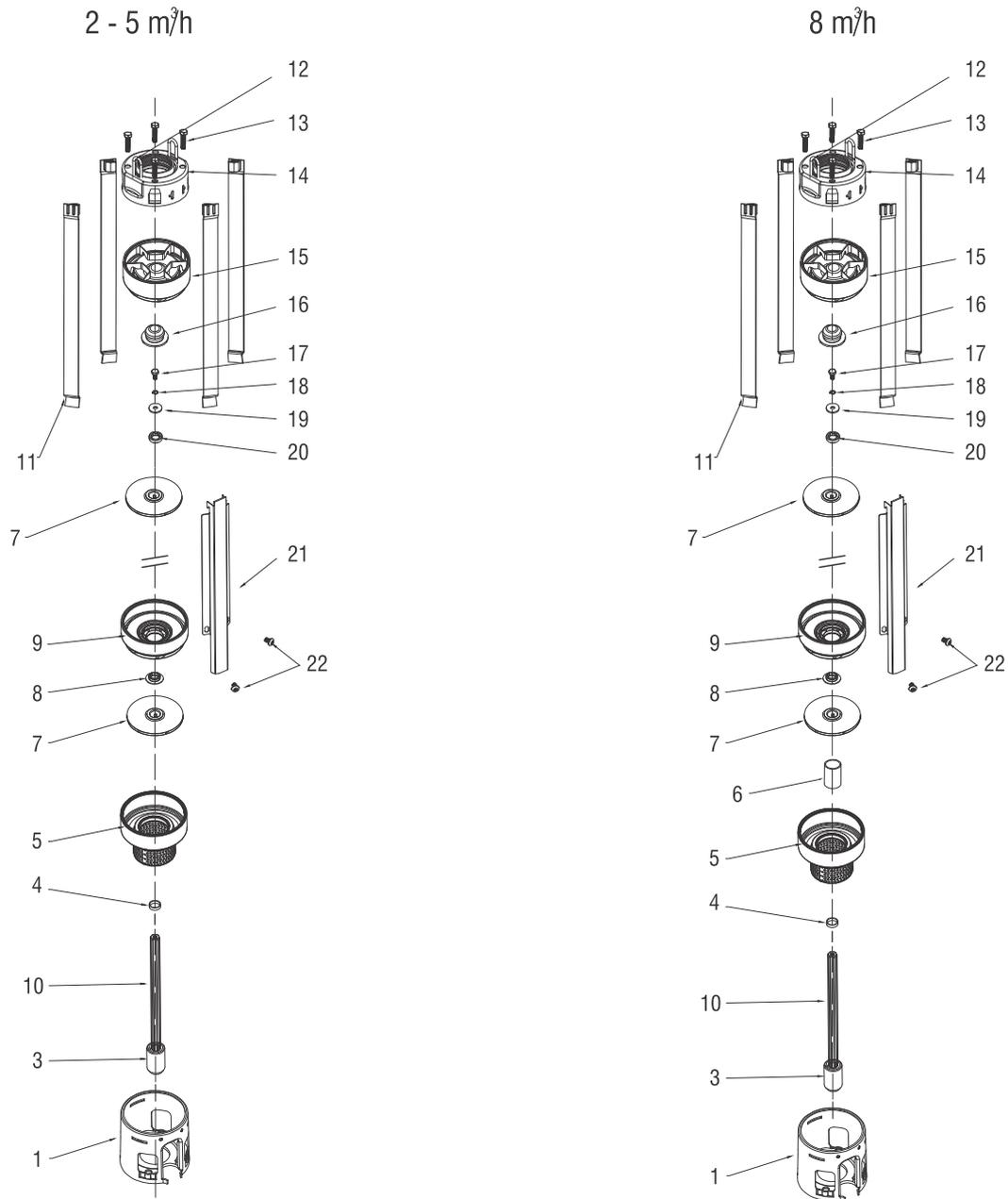
Materials of Construction

PART NAME	3" & 4" SS PUMPS		6" to 10" SS PUMPS	
	TYPE - PS	TYPE - PT	TYPE - PS	TYPE - PT
IMPELLER	S.S. - 304	S.S. - 316	S.S. - 304	S.S. - 316
DIFFUSER CHAMBER	S.S. - 304	S.S. - 316	S.S. - 304	S.S. - 316
SHAFT	S.S. - 304 / 420	S.S. - 316	S.S. - 304 / 420	S.S. - 316
SUCTION HOUSING	S.S. - 304	S.S. - 316	S.S. - 304	S.S. - 316
DISCHARGE HOUSING	S.S. - 304	S.S. - 316	S.S. - 304	S.S. - 316
LOCKING STRAPS	S.S. - 304	S.S. - 316	S.S. - 304	S.S. - 316
COUPLING SPLINES	S.S. - 304 / 420	S.S. - 316	S.S. - 304 / 420	S.S. - 316
CHECK VALVE DISC	S.S. - 304	S.S. - 316	S.S. - 304	S.S. - 316
CHECK VALVE SEAT	NBR / VITON	NBR / VITON	NBR / VITON	NBR / VITON
WEAR RING	NBR / VITON	NBR / VITON	NBR / VITON	NBR / VITON
SPLIT CONE AND NUT	S.S. - 304	S.S. - 316	S.S. - 304	S.S. - 316
STOP RING	S.S. - 420 / BRONZE	TEFLON	CARBON	CARBON
CABLE GUARD	S.S. - 304	S.S. - 316	S.S. - 304	S.S. - 316
STRAINER	S.S. - 304	S.S. - 316	S.S. - 304	S.S. - 316
INTERMEDIATE BEARING	NBR / VITON	NBR / VITON	NBR / VITON	NBR / VITON

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ALINOX SERIES

4" Exploded View: 4PS Models



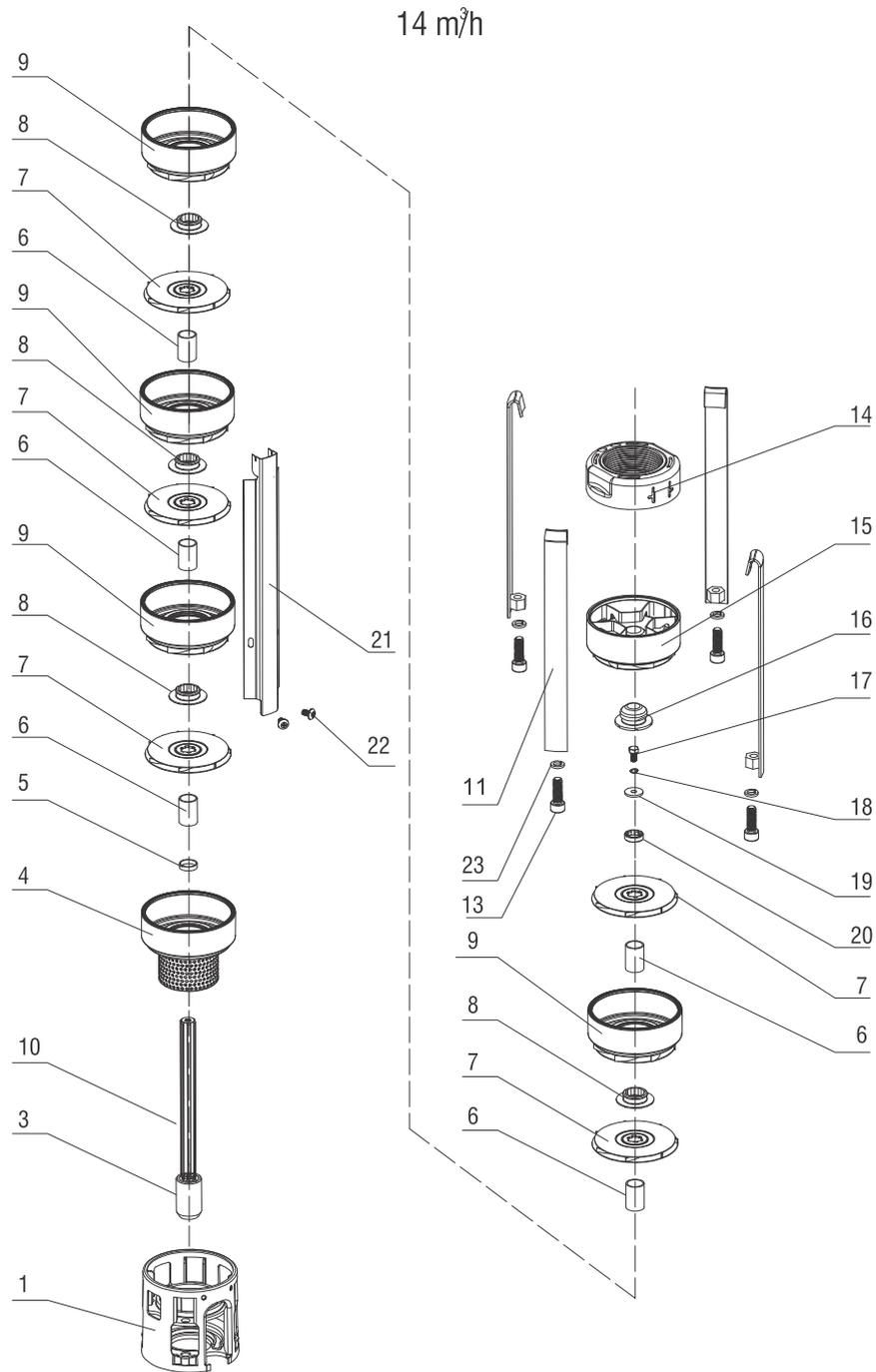
Part No.	Part Name
1	Suction Housing
2	Screw
3	Coupling
4	Spacer Sleeve
5	Inlet Screen Chamber
6	Sleeve
7	Impeller
8	Bush - Diffuser Casing

Part No.	Part Name
9	Diffuser Casing
10	Shaft
11	Locking Strap
12	Hook
13	Locking Strap Bolt
14	Discharge Housing
15	Check Valve Assy.
16	Bush - CT Pad

Part No.	Part Name
17	Screw
18	Washer
19	Upthrust Washer
20	Sleeve
21	Cable Guard
22	Cable Guard Screw

STAINLESS STEEL SUBMERSIBLE PUMPS

4" Exploded View: 4PS Models



Part No.	Part Name
1	Suction Housing
2	Screw
3	Coupling
4	Spacer Sleeve
5	Inlet Screen Chamber
6	Sleeve
7	Impeller
8	Bush - Diffuser Casing

Part No.	Part Name
9	Diffuser Casing
10	Shaft
11	Locking Strap
12	Hook
13	Locking Strap Bolt
14	Discharge Housing
15	Check Valve Assy.
16	Bush - CT Pad

Part No.	Part Name
17	Screw
18	Washer
19	Upthrust Washer
20	Sleeve
21	Cable Guard
22	Cable Guard Screw
23	Spring Washer

ALINOX SERIES

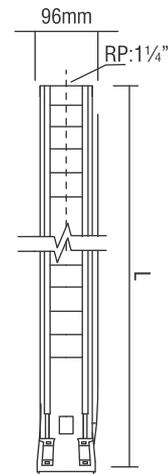
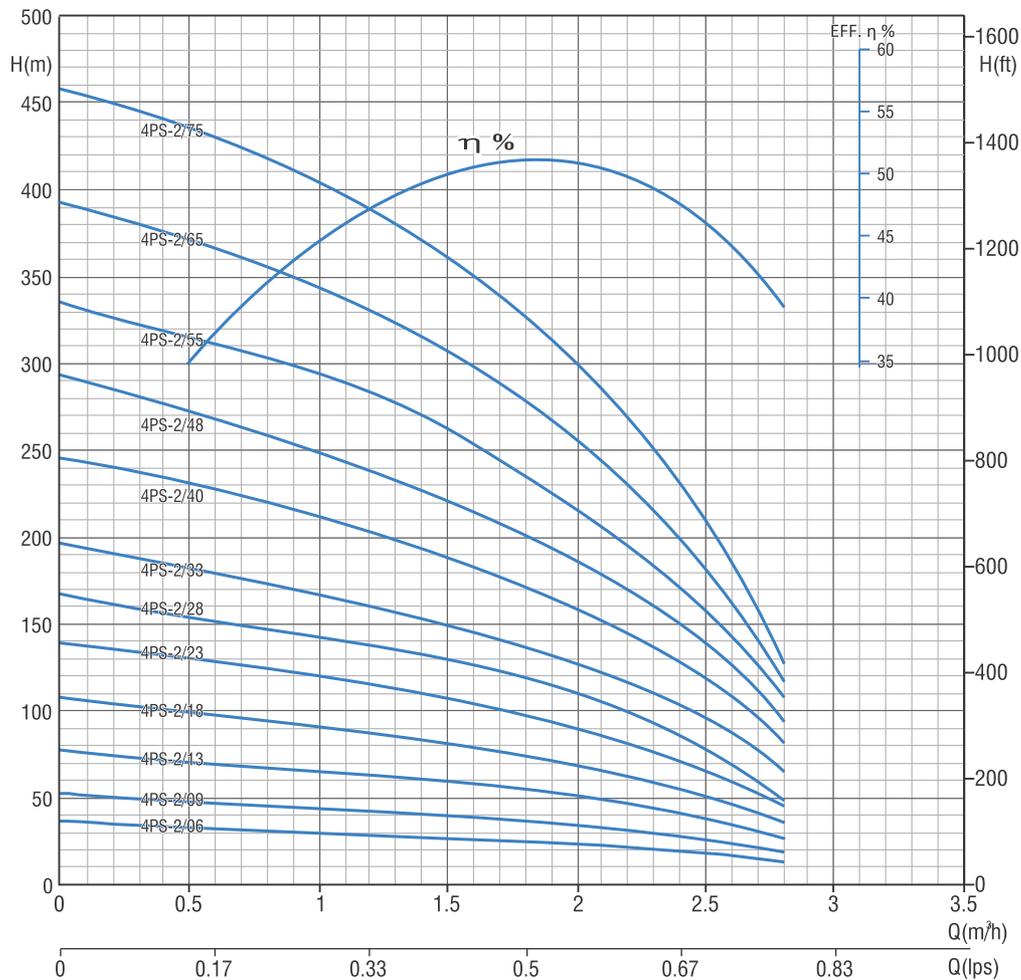
4PS-2

Nominal Flow: 2m³/h

Outlet Size: 1 1/4"

Performance Curve

2900 rpm



Model	Motor Power		Q(m ³ /h) Q(lps)	0	0.6	1.2	1.8	2.4	2.8	Height L (mm)
	kW	HP		0	0.17	0.33	0.5	0.67	1.0	
4PS-2/06	0.37	0.5	Head (m)	37	33	30	27	24	13	281
4PS-2/09	0.37	0.5		56	50	45	41	36	17	344
4PS-2/13	0.55	0.75		81	72	65	59	52	26	428
4PS-2/18	0.75	1		112	99	90	81	72	36	533
4PS-2/23	1.1	1.5		143	127	115	104	92	47	638
4PS-2/28	1.5	2		174	154	140	126	112	59	743
4PS-2/33	1.5	2		205	182	165	149	132	66	848
4PS-2/40	2.2	3		248	220	198	180	160	81	995
4PS-2/48	2.2	3		298	264	240	216	192	93	1163
4PS-2/55	3	4		336	303	275	248	220	109	1310
4PS-2/65	3	4		394	374	340	279	220	118	1541
4PS-2/75	4	5.5		458	437	397	328	203	129	1751

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STAINLESS STEEL SUBMERSIBLE PUMPS

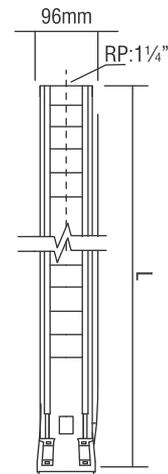
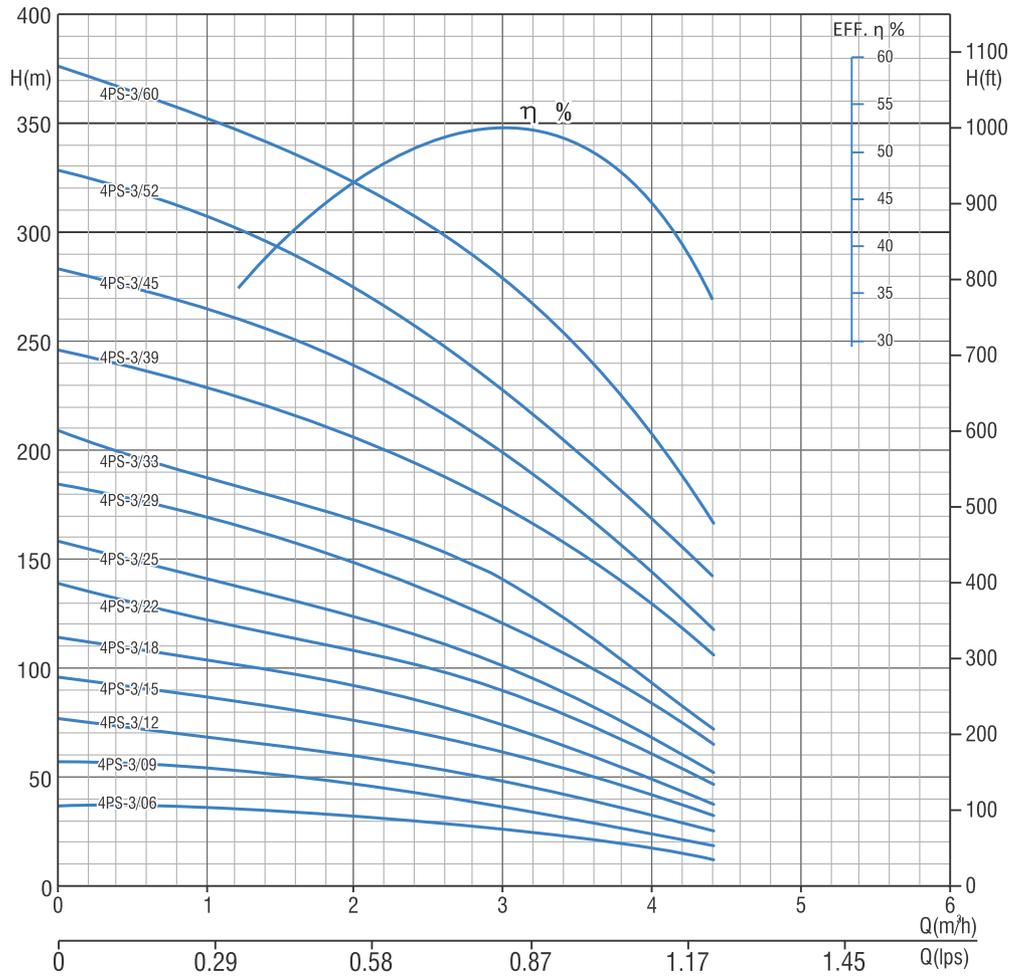
4PS-3

Nominal Flow: 3 m³/h

Outlet Size: 1 1/4"

Performance Curve

2900 rpm



Model	Motor Power		Q(m ³ /h) Q(lps)	0	1.2	2.4	3	3.6	4.2	4.4	Height L (mm)
	kW	HP		0	0.33	0.66	0.83	1.0	1.17	1.22	
4PS-3/06	0.37	0.5	Head(m)	37	33	29	26	23	19	12	281
4PS-3/09	0.55	0.75		56	50	43	40	35	28	19	344
4PS-3/12	0.75	1		74	66	58	53	46	37	26	407
4PS-3/15	1.1	1.5		93	83	72	66	57	47	33	470
4PS-3/18	1.1	1.5		112	99	86	79	69	56	38	533
4PS-3/22	1.5	2		136	121	106	97	84	68	47	617
4PS-3/25	1.5	2		155	138	120	110	96	78	52	680
4PS-3/29	2.2	3		183	165	138	120	100	74	65	729
4PS-3/33	2.2	3		198	176	154	141	123	99	72	827
4PS-3/39	3	4		242	215	187	172	149	121	105	974
4PS-3/45	3	4		272	242	211	194	169	136	118	1107
4PS-3/52	4	5.5		328	302	257	229	192	155	141	1303
4PS-3/60	4	5.5		377	348	308	279	239	189	158	1527

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ALINOX SERIES

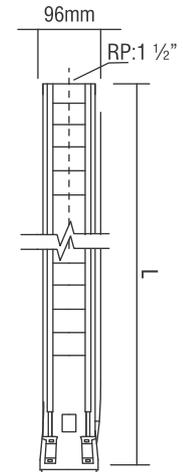
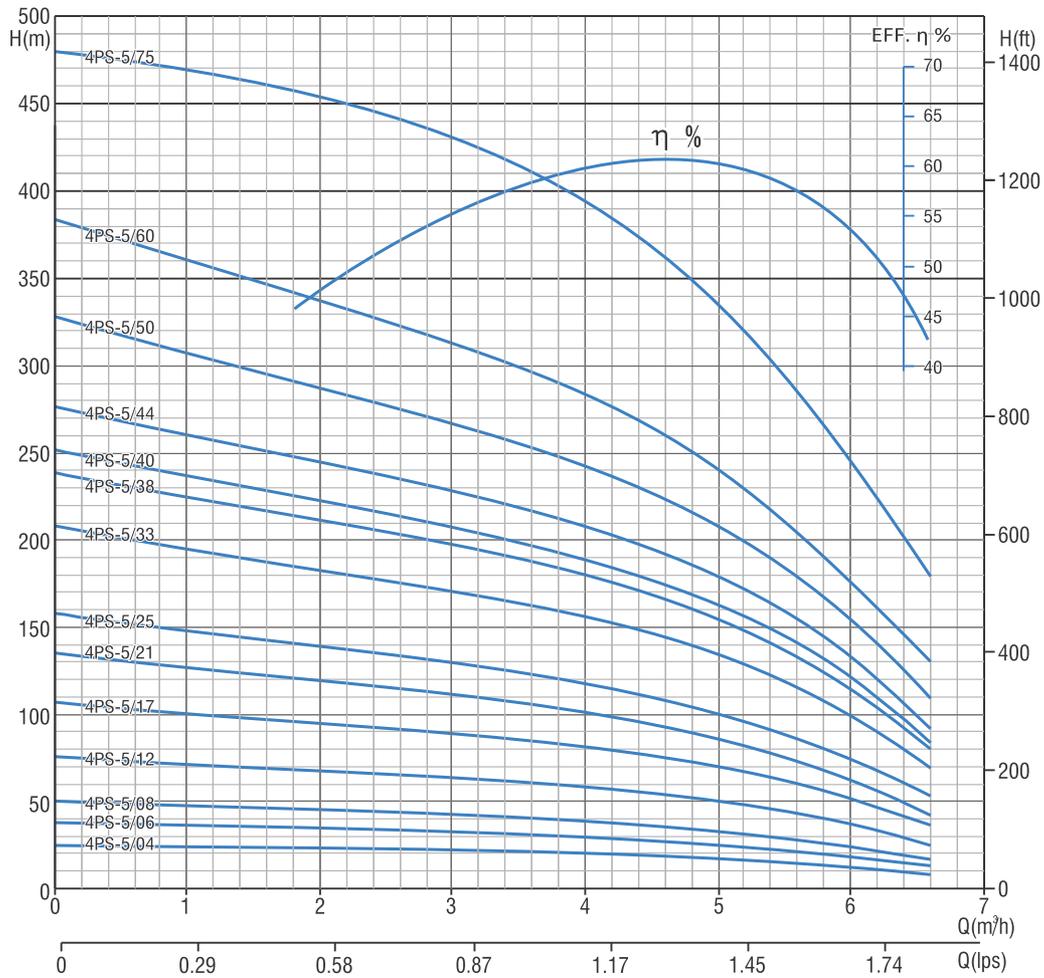
4PS-5

Nominal Flow: 5 m³/h

Outlet Size: 1 1/2"

Performance Curve

2900 rpm



Model	Motor Power		Q(m ³ /h) Q(lps)	Head (m)							Height L (mm)
	kW	HP		0	2.4	3.6	4.8	5.4	6	6.6	
4PS-5/04	0.37	0.5	0	25	21	20	17	15	12	8	239
4PS-5/06	0.55	0.75	0.29	38	32	30	26	23	18	13	281
4PS-5/08	0.75	1	0.58	50	43	40	34	30	24	17	323
4PS-5/12	1.1	1.5	0.87	76	64	60	52	46	37	25	407
4PS-5/17	1.5	2	1.17	107	90	84	73	65	52	36	512
4PS-5/21	2.2	3	1.45	135	117	106	89	78	62	42	595
4PS-5/25	2.2	3	1.74	158	133	124	108	95	76	53	680
4PS-5/33	3	4		208	176	164	142	125	101	69	848
4PS-5/38	4	5.5		239	202	188	163	144	116	80	953
4PS-5/40	4	5.5		252	213	198	172	152	122	84	995
4PS-5/44	4	5.5		277	234	218	189	167	134	92	1079
4PS-5/52	5.5	7.5		328	277	258	224	198	159	109	1247
4PS-5/60	5.5	7.5		384	329	301	242	219	175	130	1440
4PS-5/75	7.5	10		480	459	423	349	300	240	170	1760

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STAINLESS STEEL SUBMERSIBLE PUMPS

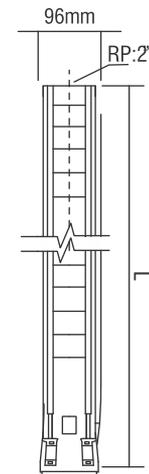
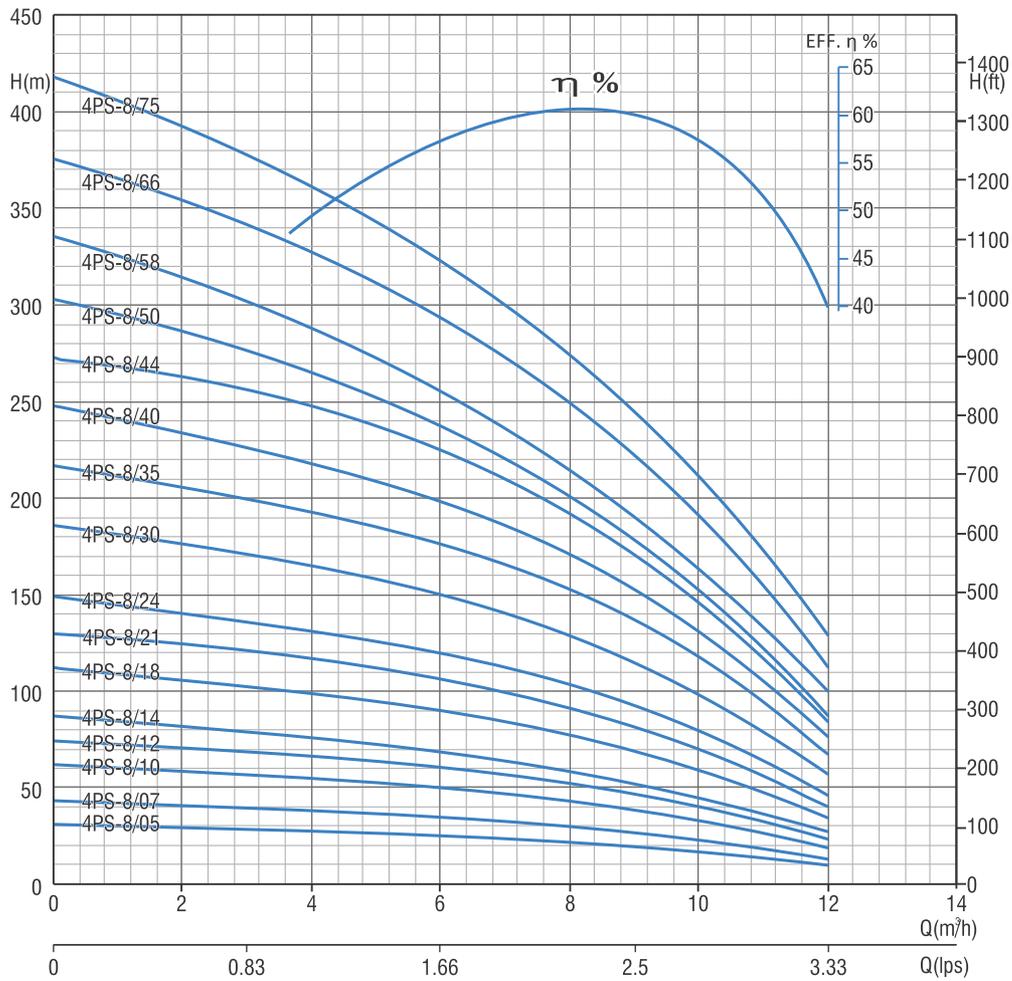
4PS-8

Nominal Flow: 8 m³/h

Outlet Size: 2"

Performance Curve

2900 rpm



Model	Motor Power		Q(m ³ /h) Q(lps)	0	3.6	4.8	6.6	8.4	10.2	12	Height L (mm)
	kW	HP		0	1.0	1.33	1.83	2.33	2.83	3.33	
4PS-8/05	0.75	1	Head(m)	31	28	27	25	22	17	10	292.5
4PS-8/07	1.1	1.5		43	39	37	34	30	23	13	347.5
4PS-8/10	1.5	2		62	56	53	49	43	33	19	430
4PS-8/12	2.2	3		74	67	64	59	52	40	23	485
4PS-8/15	2.2	3		87	78	74	69	60	46	27	540
4PS-8/18	3	4		112	101	95	88	77	59	34	650
4PS-8/21	4	5.5		130	118	111	103	90	69	40	732.5
4PS-8/25	4	5.5		149	134	127	118	103	79	46	815
4PS-8/30	5.5	7.5		186	168	159	147	129	99	57	980
4PS-8/37	5.5	7.5		217	196	186	171	151	116	67	1117.5
4PS-8/40	7.5	10		248	224	212	196	172	132	76	1255
4PS-8/44	7.5	10		273	246	233	216	189	145	84	1365
4PS-8/50	9.5	10		303	265	247	224	190	148	88	1530
4PS-8/58	9.3	12.5		335	288	369	242	210	163	100	1750
4PS-8/66	11	15		374	327	304	280	247	190	116	1970
4PS-8/75	11	15	418	355	335	309	268	208	130	2218	

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ALINOX SERIES

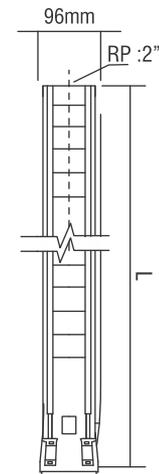
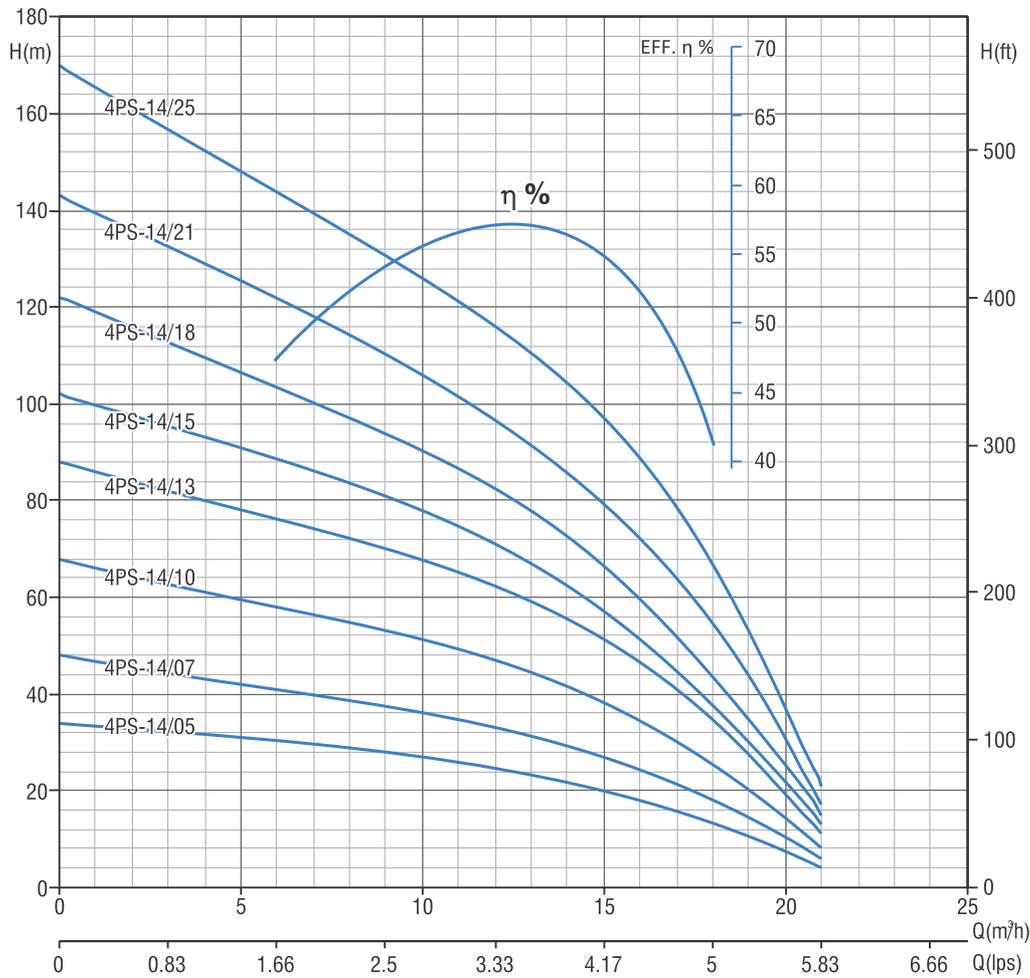
4PS-14

Nominal Flow: 14 m³/h

Outlet Size: 2"

Performance Curve

2900 rpm

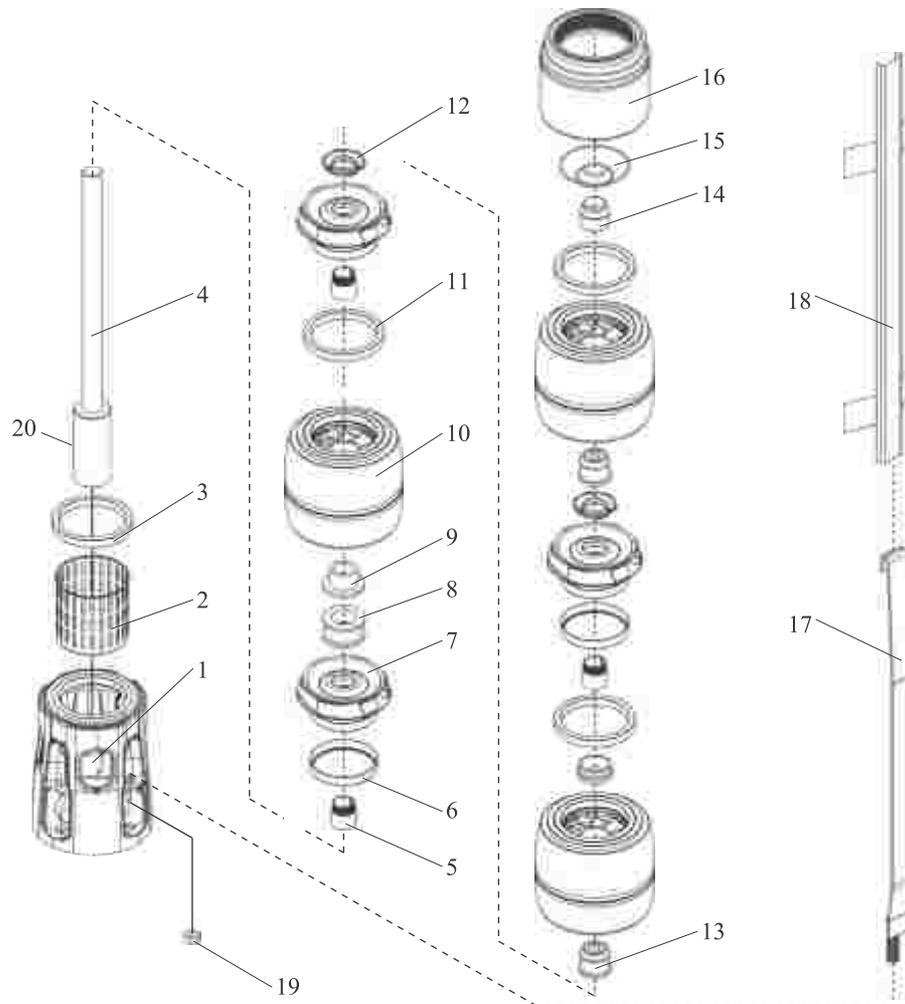


Model	Motor Power		Q(m ³ /h) Q(lps)	0	3	6	9	12	15	18	21	Height L (mm)
	kW	HP		0	0.83	1.67	2.5	3.33	4.17	5.0	5.83	
4PS-14/05	1.5	2	Head (m)	34	32	30	28	25	20	14	4	365
4PS-14/07	2.2	3		48	44	42	39	34	28	19	6	449
4PS-14/10	3	4		68	63	60	55	49	40	27	8	575
4PS-14/13	4	5.5		88	82	77	72	64	51	35	11	701
4PS-14/15	5.5	7.5		102	95	89	83	74	59	41	13	785
4PS-14/18	5.5	7.5		122	114	107	99	88	71	49	15	911
4PS-14/21	7.5	10		143	133	125	116	103	83	57	17	1037
4PS-14/25	7.5	10		170	158	149	138	123	99	68	21	1205

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STAINLESS STEEL SUBMERSIBLE PUMPS

6" Exploded View: 6PS Models



Part No.	Part Name	Part No.	Part Name
1	Suction Housing	11	Diffuser Wear Ring
2	Strainer	12	Bush Bearing
3	Suction Housing Wear Ring	13	Split Cone Nut
4	Pump Shaft	14	Upper Bearing
5	Split Cone	15	Valve Disc
6	Impeller Wear Ring	16	Discharge housing
7	Impeller	17	Cable Guard
8	Bush CT-Pad	18	Locking Strap
9	Stop Ring	19	Locking Strap Nut
10	Diffuser	20	Coupling

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ALINOX SERIES

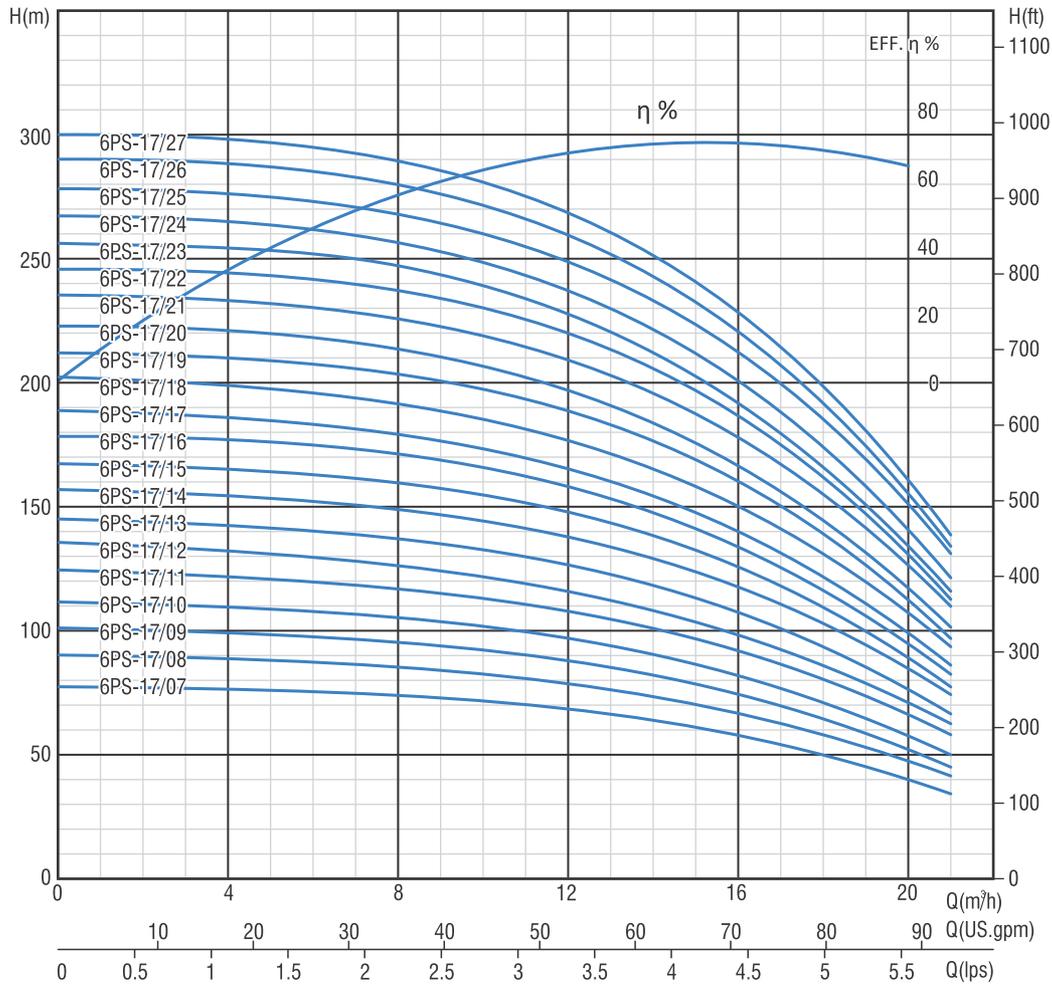
6PS-17

Nominal Flow: 17 m³/h

Outlet Size: 2½" / 3"*

Performance Curve

2900 rpm



Model	Motor Power		Q(m ³ /h) Q(lps)	Head (m)										Height L (mm)	Weight (kg)
	kW	HP		0	6	8	10	12	14	16	18	20			
6PS-17/07	4	5.5	0	78	76	73	71	68	63	58	50	40	693	14	
6PS-17/08	5.5	7.5	0.5	90	87	84	82	78	73	67	58	48	753	16	
6PS-17/09	5.5	7.5	1.0	100	98	96	92	88	82	75	65	52	814	17	
6PS-17/10	5.5	7.5	1.5	110	108	105	101	97	90	82	70	57	874	18	
6PS-17/11	7.5	10	2.0	123	119	117	113	107	100	91	80	65	935	20	
6PS-17/12	7.5	10	2.5	133	129	127	121	116	108	95	85	70	995	21	
6PS-17/13	7.5	10	3.0	145	140	138	132	126	118	107	93	75	1056	23	
6PS-17/14	9.3	12.5	3.5	156	152	149	144	137	129	118	102	84	1116	24	
6PS-17/15	9.3	12.5	4.0	168	162	159	154	148	138	126	109	89	1177	26	
6PS-17/16	9.3	12.5	4.5	179	174	171	166	158	147	133	116	95	1237	27	
6PS-17/17	9.3	12.5	5.0	189	183	179	173	166	154	140	121	99	1298	29	
6PS-17/18	11	15	5.5	201	196	191	185	176	165	150	130	107	1358	30	
6PS-17/19	11	15	6.0	212	207	203	197	188	176	160	139	112	1419	31	
6PS-17/20	11	15	6.5	222	218	213	206	197	183	166	144	117	1479	33	
6PS-17/21	13	17.5	7.0	234	230	226	218	209	196	177	155	125	1540	34	
6PS-17/22	13	17.5	7.5	246	241	237	230	219	205	187	161	130	1600	36	
6PS-17/23	13	17.5	8.0	256	252	247	239	228	212	192	166	133	1661	37	
6PS-17/24	13	17.5	8.5	266	262	256	248	237	221	200	173	140	1721	39	
6PS-17/25	15	20	9.0	279	273	268	260	248	233	211	184	150	1782	40	
6PS-17/26	15	20	9.5	290	284	280	271	259	243	220	191	155	1842	42	
6PS-17/27	15	20	10.0	300	295	289	280	268	251	228	199	160	1903	43	

*Optional outlet size, on request.

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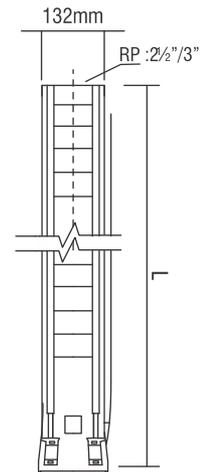
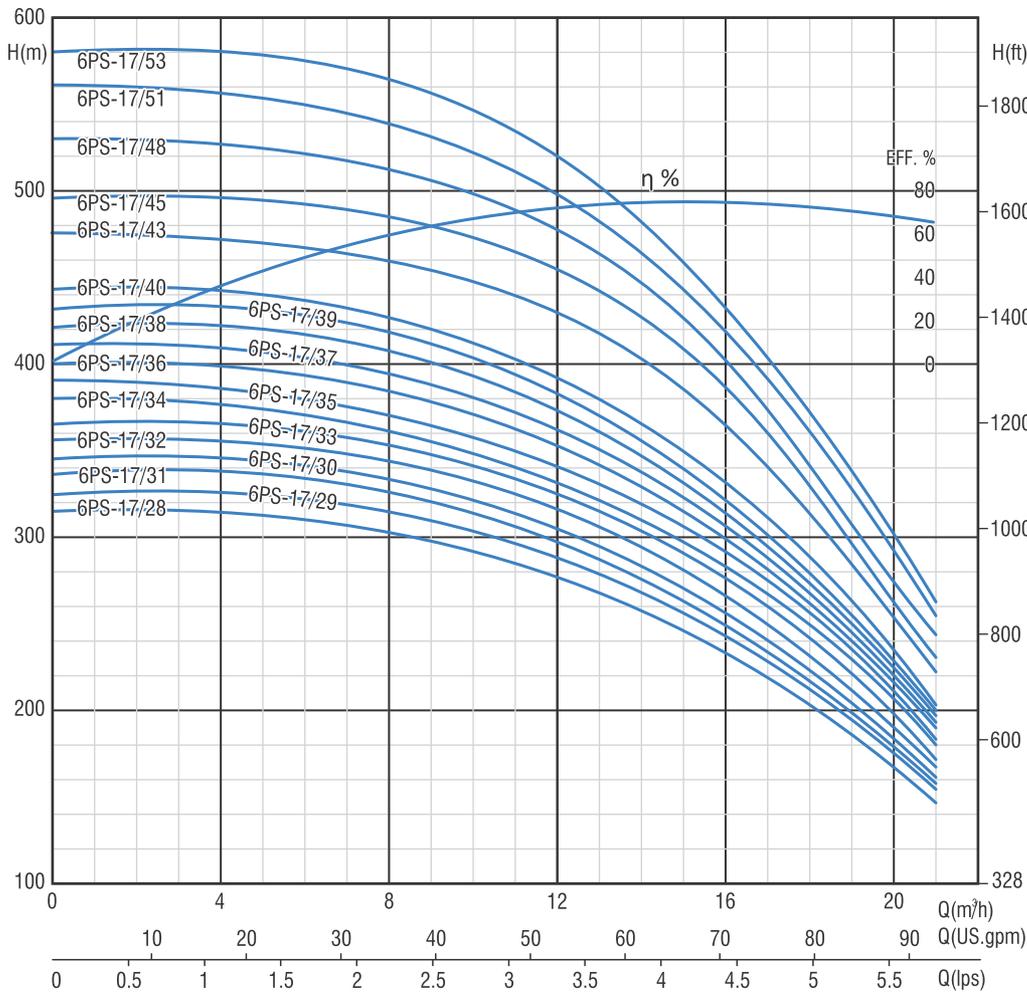
6PS-17

Nominal Flow: 17 m³/h

Outlet Size: 2½"/3"*

Performance Curve

2900 rpm



Model	Motor Power		Q(m ³ /h) Q(lps)	Head (m)						Height L (mm)	Weight (kg)	
	kW	HP		0	8	12	14	16	18			20
6PS-17/28	18.5	25	0	314	303	276	254	234	202	166	1963	45
6PS-17/29	18.5	25	2.2	325	314	290	268	242	211	171	2024	46
6PS-17/30	18.5	25	3.3	336	325	298	274	248	218	177	2084	47
6PS-17/31	18.5	25	3.9	346	334	304	283	257	224	182	2145	49
6PS-17/32	18.5	25	4.4	356	344	314	292	266	230	188	2205	50
6PS-17/33	18.5	25	5.0	365	354	324	304	276	241	194	2266	52
6PS-17/34	22	30	5.6	380	360	331	310	283	247	200	2326	53
6PS-17/35	22	30		390	368	341	319	291	256	205	2387	55
6PS-17/36	22	30		400	384	352	328	300	261	211	2447	56
6PS-17/37	22	30		410	395	363	338	307	267	217	2508	58
6PS-17/38	22	30		420	407	371	347	314	273	223	2568	59
6PS-17/39	22	30		430	418	382	355	321	280	229	2629	60
6PS-17/40	22	30		442	426	390	365	330	289	235	2689	62
6PS-17/43	26	35		476	459	429	402	363	311	254	2750	63
6PS-17/45	26	35		496	485	454	426	385	329	262	2810	65
6PS-17/48	26	35		530	513	477	446	401	340	274	2871	68
6PS-17/51	30	40		560	538	497	464	418	360	292	3054	70
6PS-17/53	30	40		580	564	520	480	432	370	302	3176	72

*Optional outlet size, on request.

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ALINOX SERIES

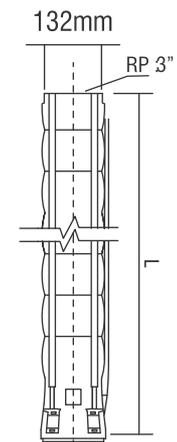
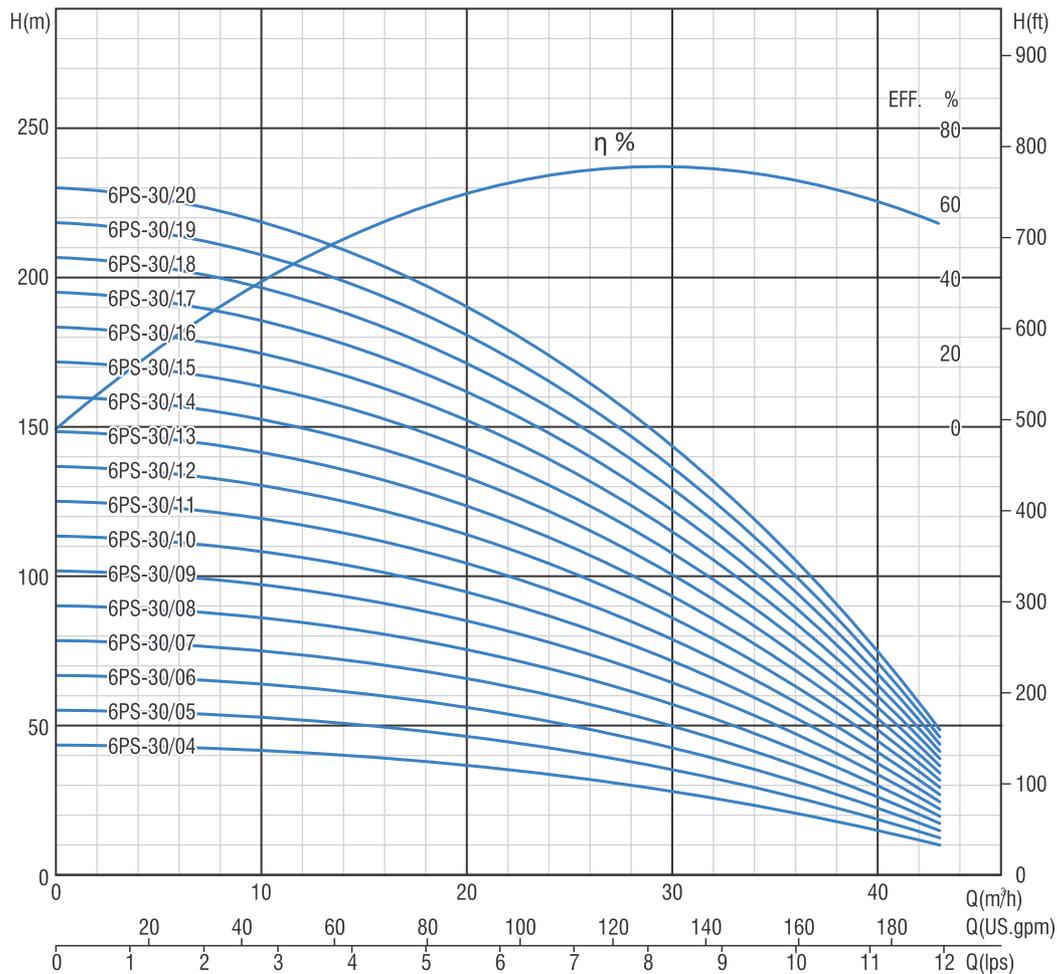
6PS-30

Nominal Flow: 30 m³/h

Outlet Size: 3"

Performance Curve

2900 rpm



Model	Motor Power		Q(m ³ /h) Q(lps)	Head (m)						Height L (mm)	Weight (kg)
	kW	HP		0	14.4	21.6	28.8	36	43.2		
6PS-30/04	4	5.5	43	39	35	29	20	10	649	13	
6PS-30/05	5.5	7.5	55	50	45	37	25	12	744	15	
6PS-30/06	5.5	7.5	67	60	54	44	31	15	839	17	
6PS-30/07	7.5	10	78	71	63	52	36	17	934	19	
6PS-30/08	7.5	10	90	82	73	59	42	19	1029	21	
6PS-30/09	9.3	12.5	101	93	82	67	47	22	1124	23	
6PS-30/10	9.3	12.5	112	103	92	75	52	24	1219	25	
6PS-30/11	9.3	12.5	124	113	101	83	57	24	1314	27	
6PS-30/12	11	15	137	124	110	90	62	29	1409	29	
6PS-30/13	11	15	148	134	120	98	68	31	1504	31	
6PS-30/14	13	17.5	160	146	129	105	73	34	1599	33	
6PS-30/15	13	17.5	171	156	139	112	78	36	1694	36	
6PS-30/16	15	20	183	166	147	120	83	39	1789	38	
6PS-30/17	15	20	194	176	157	128	89	42	1884	40	
6PS-30/18	18.5	25	207	187	166	135	94	44	1979	42	
6PS-30/19	18.5	25	218	198	175	143	100	47	2074	44	
6PS-30/20	18.5	25	229	208	185	151	105	49	2169	46	

In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

STAINLESS STEEL SUBMERSIBLE PUMPS

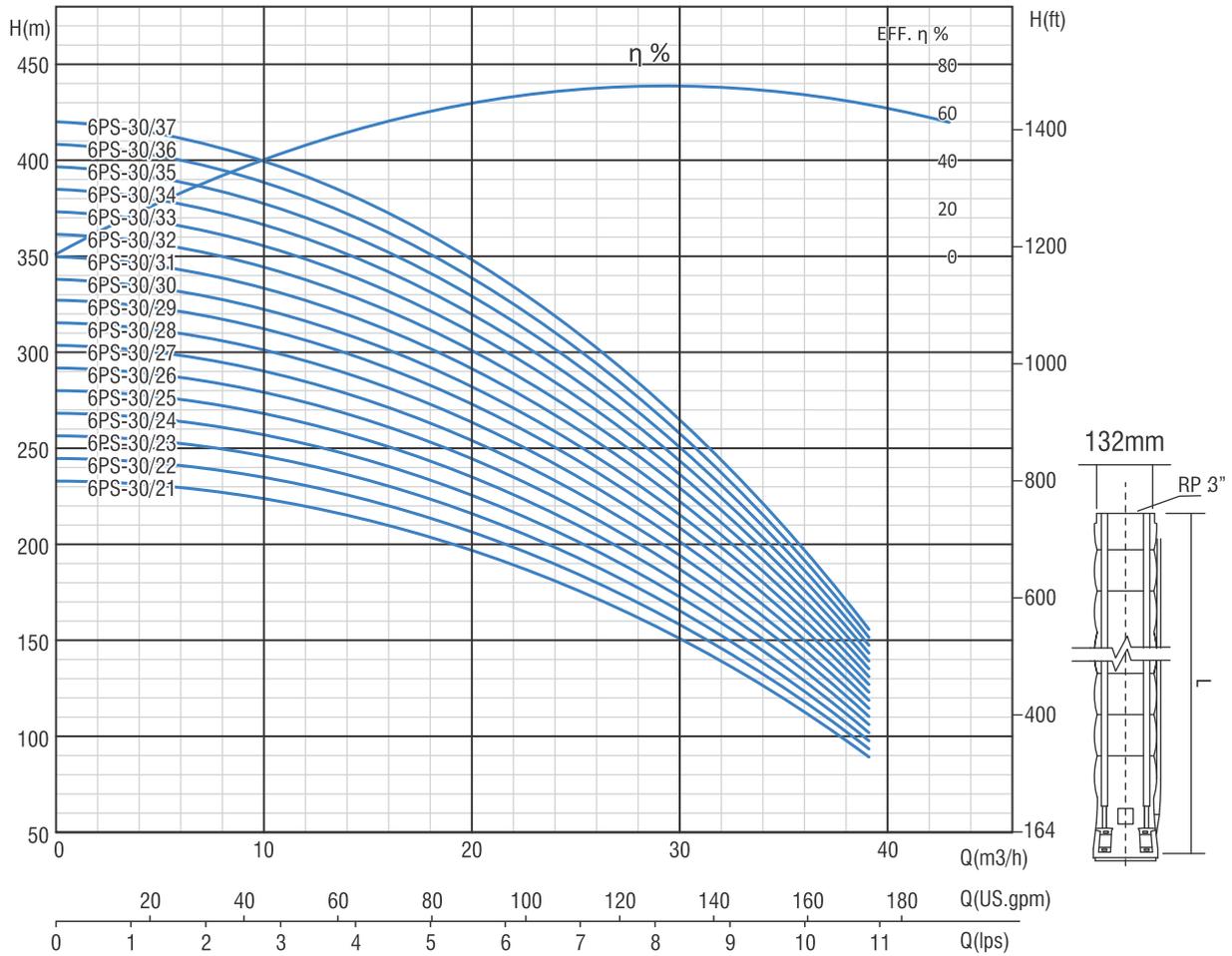
6PS-30

Nominal Flow: 30 m³/h

Outlet Size: 3"

Performance Curve

2900 rpm



Model	Motor Power		Q(m ³ /h) Q(lps)	0	14.4	21.6	28.8	36.0	39	Height L (mm)	Weight (kg)
	kW	HP		0	4	6	8	10	10.8		
6PS-30/21	18.5	25	Head(m)	232	213	190	153	102	89	2264	48
6PS-30/22	22	30		244	223	200	165	108	93	2359	50
6PS-30/23	22	30		257	233	210	172	113	97	2454	52
6PS-30/24	22	30		268	243	219	180	119	101	2549	54
6PS-30/25	22	30		280	254	228	188	125	105	2644	56
6PS-30/26	22	30		291	265	238	196	130	109	2739	58
6PS-30/27	26	35		302	275	247	203	136	113	2834	60
6PS-30/28	26	35		314	286	255	211	142	117	2929	63
6PS-30/29	26	35		327	297	264	219	148	122	3024	65
6PS-30/30	26	35		339	306	273	225	154	126	3119	67
6PS-30/31	26	35		350	317	282	232	159	130	3214	69
6PS-30/32	30	40		360	328	291	240	165	135	3309	71
6PS-30/33	30	40		372	338	300	248	172	139	3404	73
6PS-30/34	30	40		383	345	310	254	178	144	3499	75
6PS-30/35	30	40		397	358	319	261	185	148	3594	77
6PS-30/36	37	50		408	369	328	269	192	152	3689	79
6PS-30/37	37	50		420	379	338	277	197	157	3784	81

In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

ALINOX SERIES

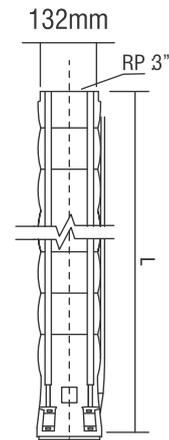
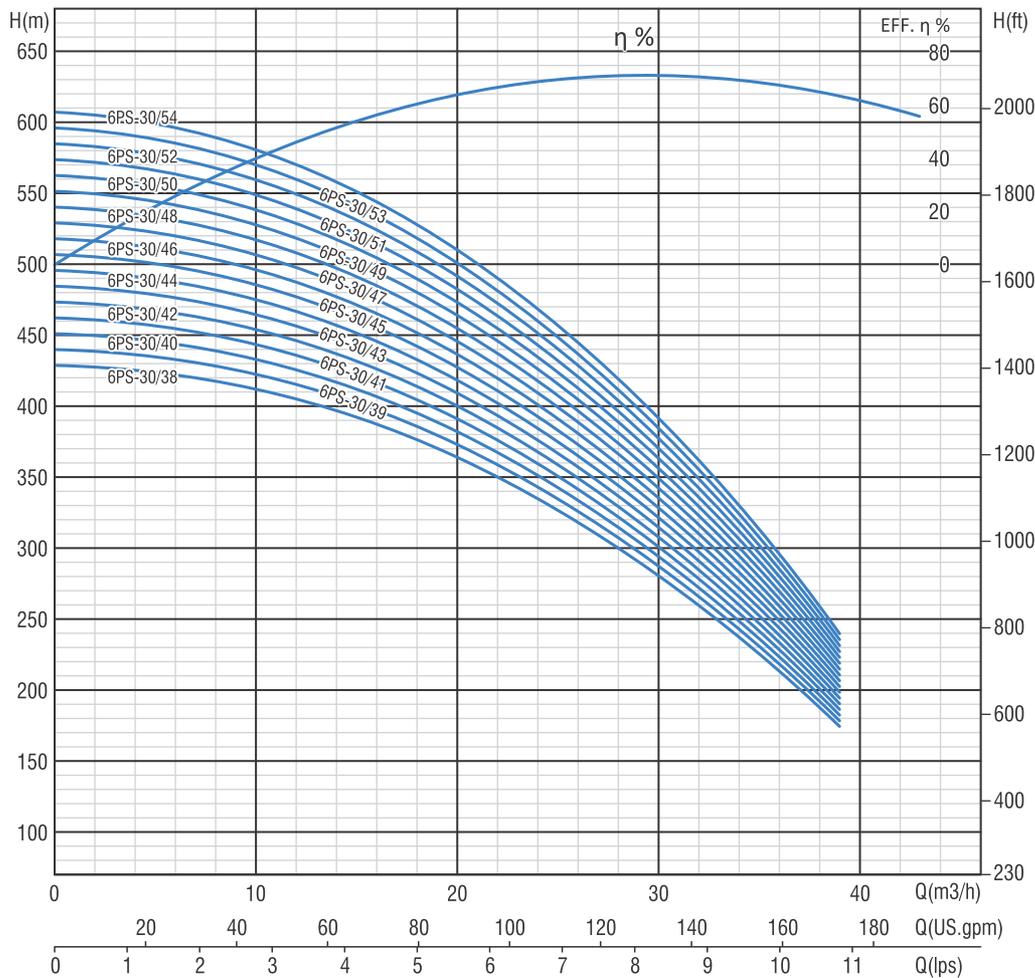
6PS-30

Nominal Flow: 30 m³/h

Outlet Size: 3"

Performance Curve

2900 rpm



Model	Motor Power		Q(m ³ /h)	Q(lps)						Height L (mm)	Weight (kg)
	kW	HP		0	14.4	21.6	28.8	36	39		
6PS-30/38	37	50	Head(m)	430	394	355	292	211	173	3879	83
6PS-30/39	37	50		440	404	464	299	216	177	3974	124
6PS-30/40	37	50		450	414	373	306	221	181	4069	126
6PS-30/41	37	50		460	424	382	314	227	185	4164	129
6PS-30/42	37	50		471	434	391	321	232	190	4259	132
6PS-30/43	37	50		482	444	400	328	237	194	4354	134
6PS-30/44	45	60		494	454	409	335	242	198	4449	137
6PS-30/45	45	60		506	465	418	343	248	202	4544	139
6PS-30/46	45	60		517	475	427	250	253	208	4639	142
6PS-30/47	45	60		529	485	436	357	258	213	4734	145
6PS-30/48	45	60		540	495	445	364	264	217	4829	147
6PS-30/49	45	60		550	505	454	372	269	221	4924	150
6PS-30/50	55	75		560	515	463	379	275	225	5019	152
6PS-30/51	55	75		572	525	472	386	280	229	5114	155
6PS-30/52	55	75		584	535	481	393	285	234	5209	158
6PS-30/53	55	75		597	546	491	401	291	238	5304	160
6PS-30/54	55	75		608	556	501	408	297	242	5399	163

In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

STAINLESS STEEL SUBMERSIBLE PUMPS

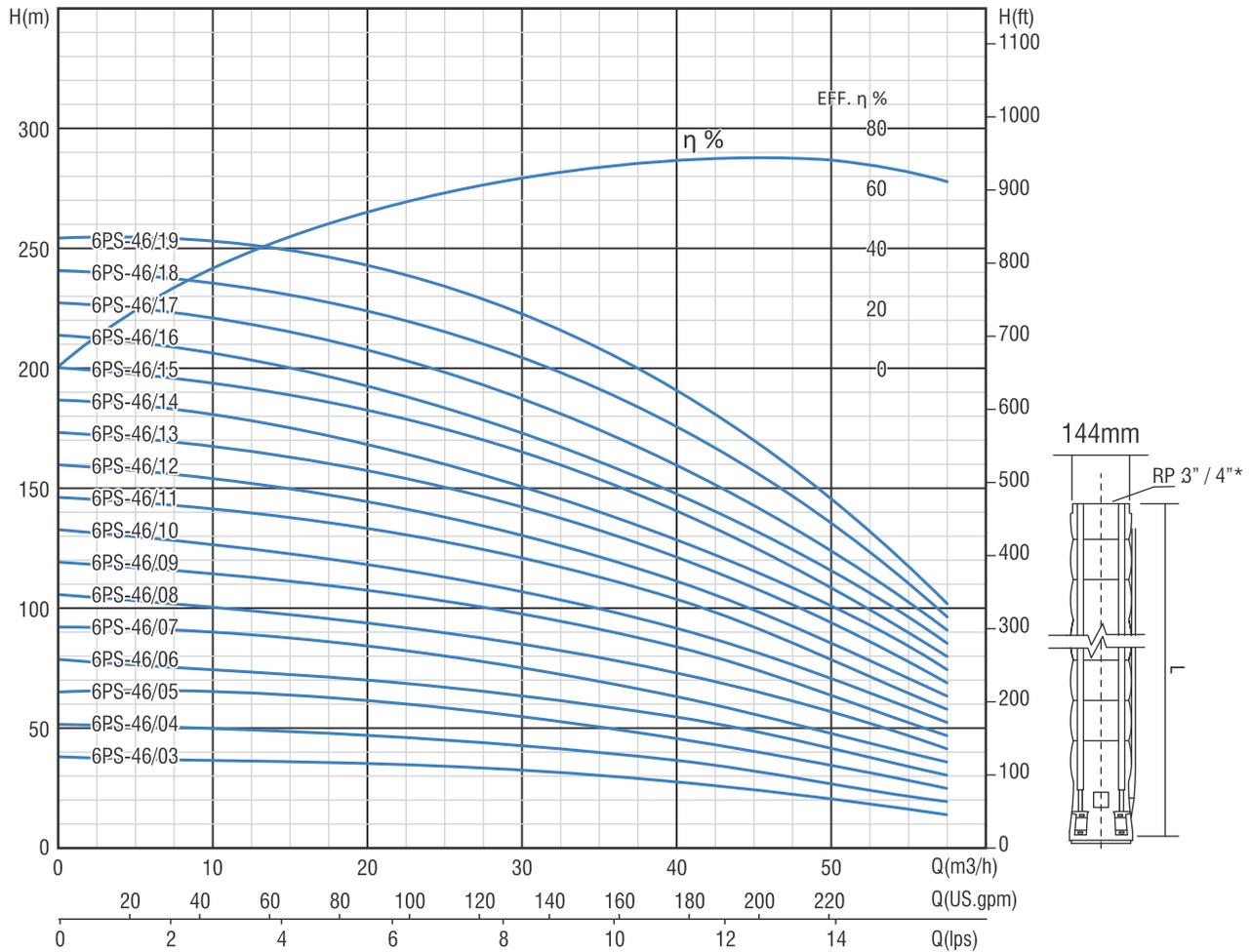
6PS-46

Nominal Flow: 46 m³/h

Outlet Size: 3" / 4"*

Performance Curve

2900 rpm



Model	Motor Power		Q(m ³ /h) Q(lps)	0	28.8	36	46.8	58	Height L (mm)	Weight (kg)
	kW	HP		0	8	10	13	16.1		
6PS-46/03	5.5	7.5	Head(m)	37	34	30	23	13	606	12
6PS-46/04	7.5	10		51	43	40	31	18	718	15
6PS-46/05	7.5	10		64	57	50	38	23	830	18
6PS-46/06	9.3	12.5		78	64	59	47	28	942	20
6PS-46/07	11	15		90	77	69	55	34	1054	23
6PS-46/08	13	17.5		104	87	78	64	39	1166	26
6PS-46/09	15	20		119	100	90	73	44	1278	28
6PS-46/10	15	20		131	109	99	80	49	1390	31
6PS-46/11	18.5	25		146	123	111	89	56	1502	34
6PS-46/12	18.5	25		160	132	120	97	62	1614	36
6PS-46/13	22	30		172	145	131	106	68	1726	39
6PS-46/14	22	30		186	155	141	116	73	1838	42
6PS-46/15	22	30		200	170	152	123	78	1950	44
6PS-46/16	26	35		213	177	160	132	85	2062	47
6PS-46/17	26	35		227	187	169	139	90	2174	49
6PS-46/18	30	40		239	203	185	152	96	2286	52
6PS-46/19	30	40		253	228	207	162	102	2398	55

*Optional outlet size, on request.

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ALINOX SERIES

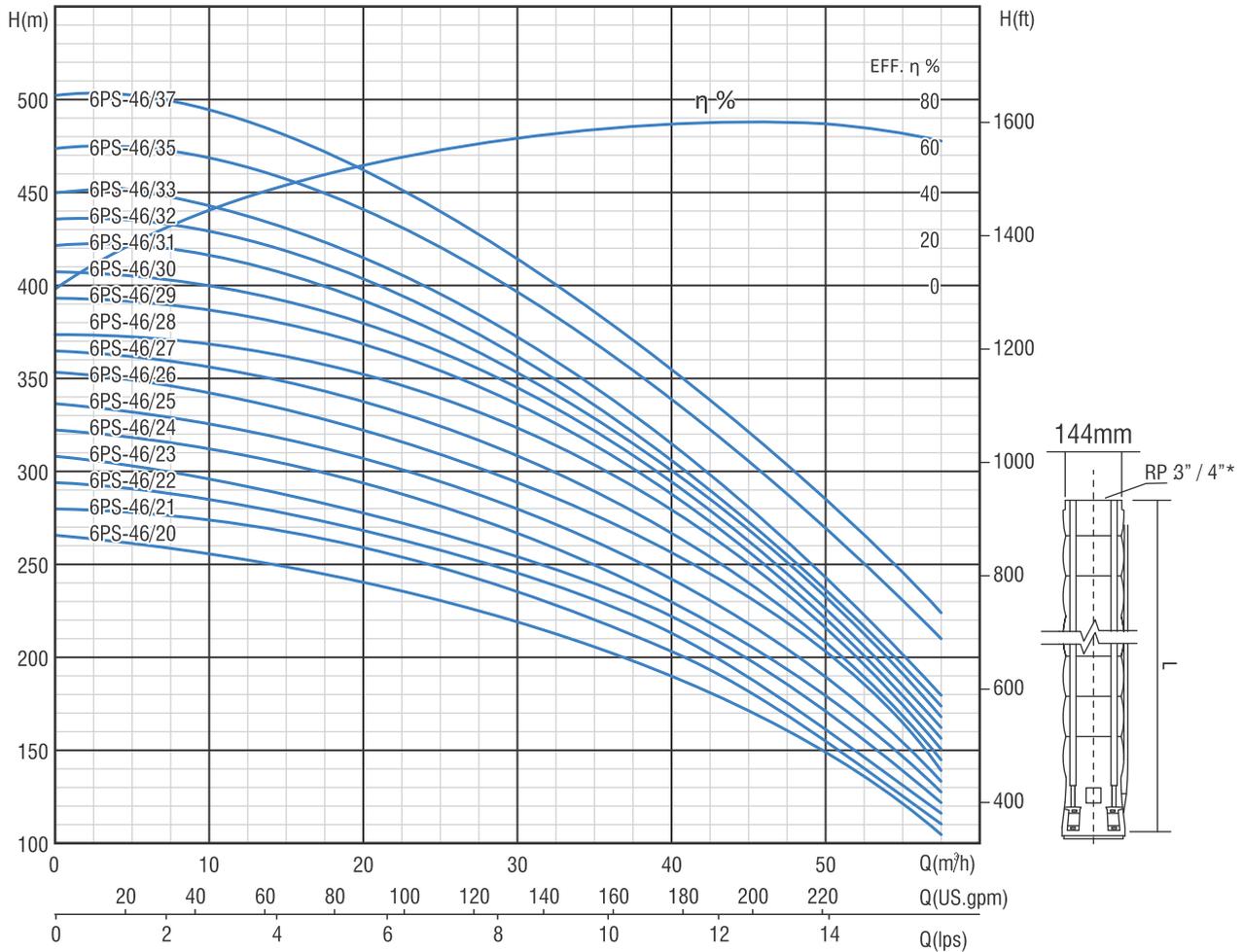
6PS-46

Nominal Flow: 46 m³/h

Outlet Size: 3" / 4"*

Performance Curve

2900 rpm



Model	Motor Power		Q(m ³ /h) Q(lps)	Head (m)					Height L (mm)	Weight (kg)
	kW	HP		0	28.8	36	46.8	58		
6PS-46/20	30	40	0	264	222	204	167	104	2510	57
6PS-46/21	37	50	8	280	239	218	175	110	2622	60
6PS-46/22	37	50	10	293	250	229	182	116	2734	63
6PS-46/23	37	50	13	309	259	238	191	121	2846	65
6PS-46/24	37	50	16.1	321	270	248	200	127	2958	68
6PS-46/25	45	60		336	283	260	210	133	3070	71
6PS-46/26	45	60		352	298	272	220	139	3182	73
6PS-46/27	45	60		363	312	287	231	144	3294	76
6PS-46/28	45	60		373	328	301	240	150	3406	79
6PS-46/29	45	60		392	341	311	249	156	3518	81
6PS-46/30	45	60		408	350	319	253	162	3630	84
6PS-46/31	55	75		421	358	325	260	167	3742	86
6PS-46/32	55	75		435	368	332	263	173	3854	89
6PS-46/33	55	75		450	379	341	271	180	3966	92
6PS-46/35	55	75		473	401	365	296	210	4078	95
6PS-46/37	63	85		502	422	387	310	225	4190	98

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STAINLESS STEEL SUBMERSIBLE PUMPS

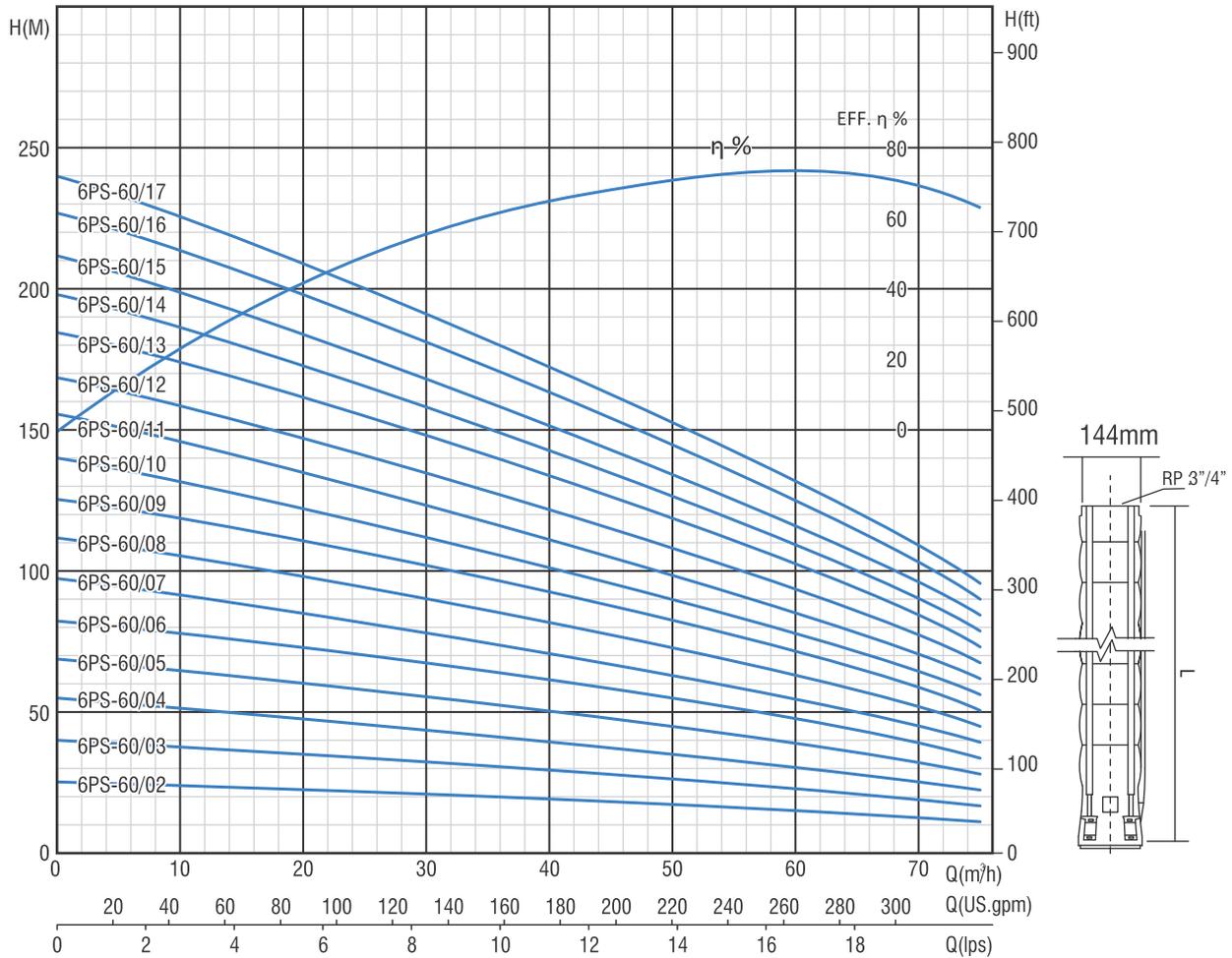
6PS-60

Nominal Flow: 60 m³/h

Outlet Size: 3"/4"*

Performance Curve

2900 rpm



Model	Motor Power		Q(m ³ /h) Q(lps)	Head (m)						Height L (mm)	Weight (kg)	
	kW	HP		0	20	40	50	60	70			75
6PS-60/02	4	5.5	0	25	22	19	17	14	12	11	494	10
6PS-60/03	5.5	7.5	20	40	35	29	26	22	18	16	606	12
6PS-60/04	7.5	10	40	54	48	39	35	30	24	21	718	15
6PS-60/05	9.3	12.5	40	69	60	50	44	38	30	26	830	18
6PS-60/06	11	15	40	82	72	61	54	45	36	31	942	20
6PS-60/07	13	17.5	40	97	85	70	62	53	43	37	1054	23
6PS-60/08	15	20	40	111	98	81	72	61	49	42	1166	26
6PS-60/09	18.5	25	40	124	110	92	82	71	55	47	1278	28
6PS-60/10	18.5	25	40	140	122	101	90	78	61	52	1390	31
6PS-60/11	22	30	40	155	134	111	99	84	67	57	1502	34
6PS-60/12	22	30	40	167	147	121	108	93	74	63	1614	36
6PS-60/13	26	35	40	183	161	133	118	102	80	69	1726	39
6PS-60/14	26	35	40	198	172	143	126	110	86	74	1838	42
6PS-60/15	26	35	40	211	183	151	134	116	92	80	1950	44
6PS-60/16	30	40	40	227	198	163	144	125	99	86	2062	47
6PS-60/17	30	40	40	240	204	172	153	132	109	92	2174	50

*Optional outlet size, on request.

In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

ALINOX SERIES

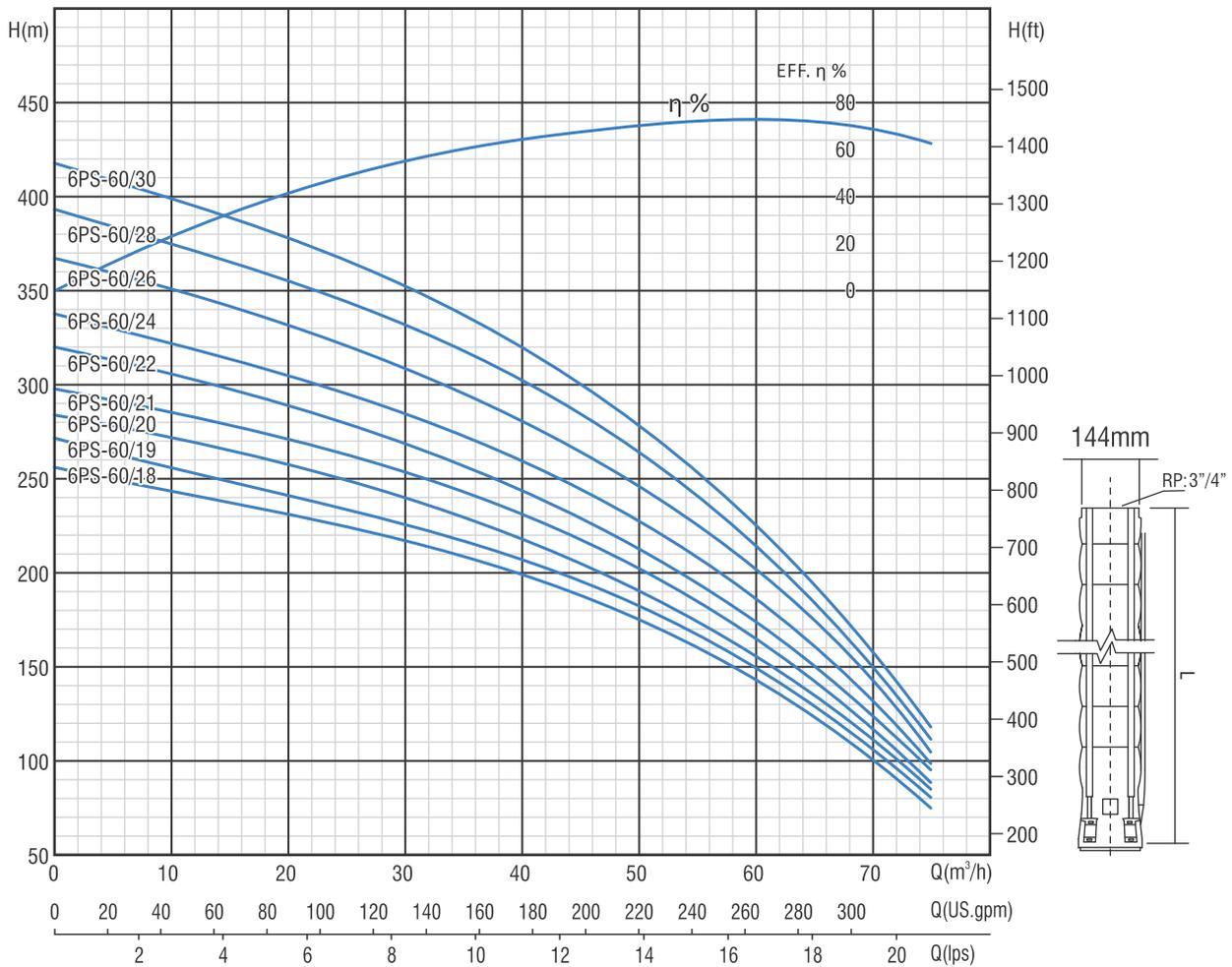
6PS-60

Nominal Flow: 60 m³/h

Outlet Size: 3"/4"

Performance Curve

2900 rpm

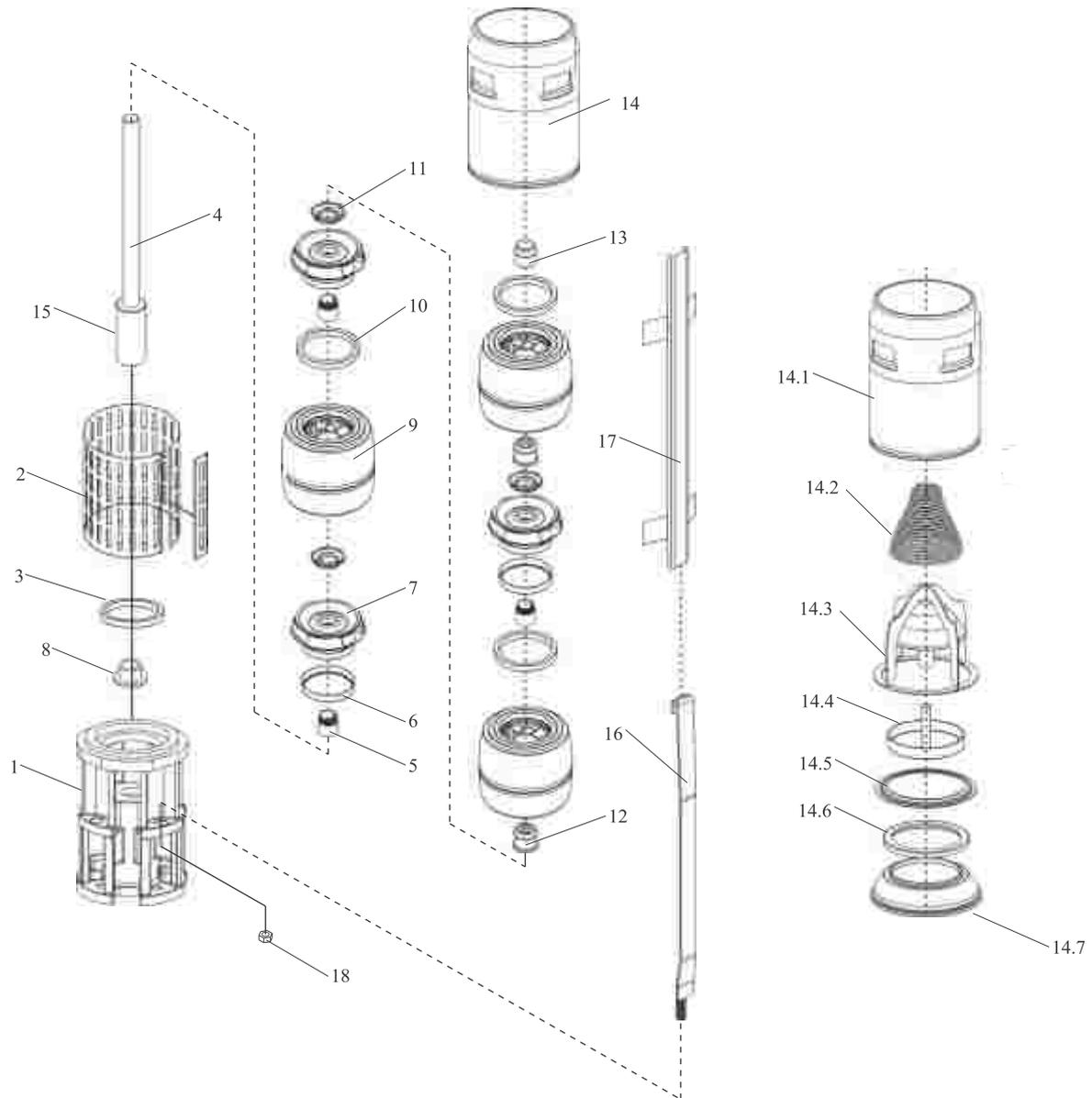


Model	Motor Power		Q(m ³ /h) Q(lps)	0	20	40	50	60	70	75	Height L (mm)	Weight (kg)
	kW	HP		0	5.55	11.11	13.89	16.67	19.44	20.83		
6PS-60/18	37	50	Head (m)	254	230	200	175	140	100	73	2286	52
6PS-60/19	37	50		269	240	210	180	150	105	75	2398	55
6PS-60/20	37	50		282	260	220	190	155	110	80	2510	58
6PS-60/21	37	50		298	280	230	200	165	115	90	2622	60
6PS-60/22	45	60		319	290	240	210	180	125	95	2734	63
6PS-60/24	45	60		338	305	260	230	190	120	100	2958	68
6PS-60/26	55	75		368	330	280	240	200	140	110	3182	73
6PS-60/28	55	75		392	355	300	260	210	150	112	3406	79
6PS-60/30	55	75		418	380	320	280	220	160	115	3630	84

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STAINLESS STEEL SUBMERSIBLE PUMPS

8" & 10" Exploded View: 8PS & 10PS Models



Part No.	Part Name
1	Suction Housing
2	Strainer
3	Suction Housing Wear Ring
4	Pump Shaft
5	Split Cone
6	Impeller Wear Ring
7	Impeller
8	Up Thrust Bush
9	Diffuser
10	Diffuser Wear Ring
11	Split Cone Nut
12	Bush Bearing
13	Upper Bearing

Part No.	Part Name
14	Discharge Housing Assembly
14.1	Discharge Housing
14.2	Check Valve Spring
14.3	Check Valve Guide
14.4	Check Valve Disc
14.5	Seat Retainer
14.6	Check Valve Seat
14.7	Seat Retainer
15	Coupling
16	Locking Strap
17	Cable Guard
18	Locking Strap Nut

In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

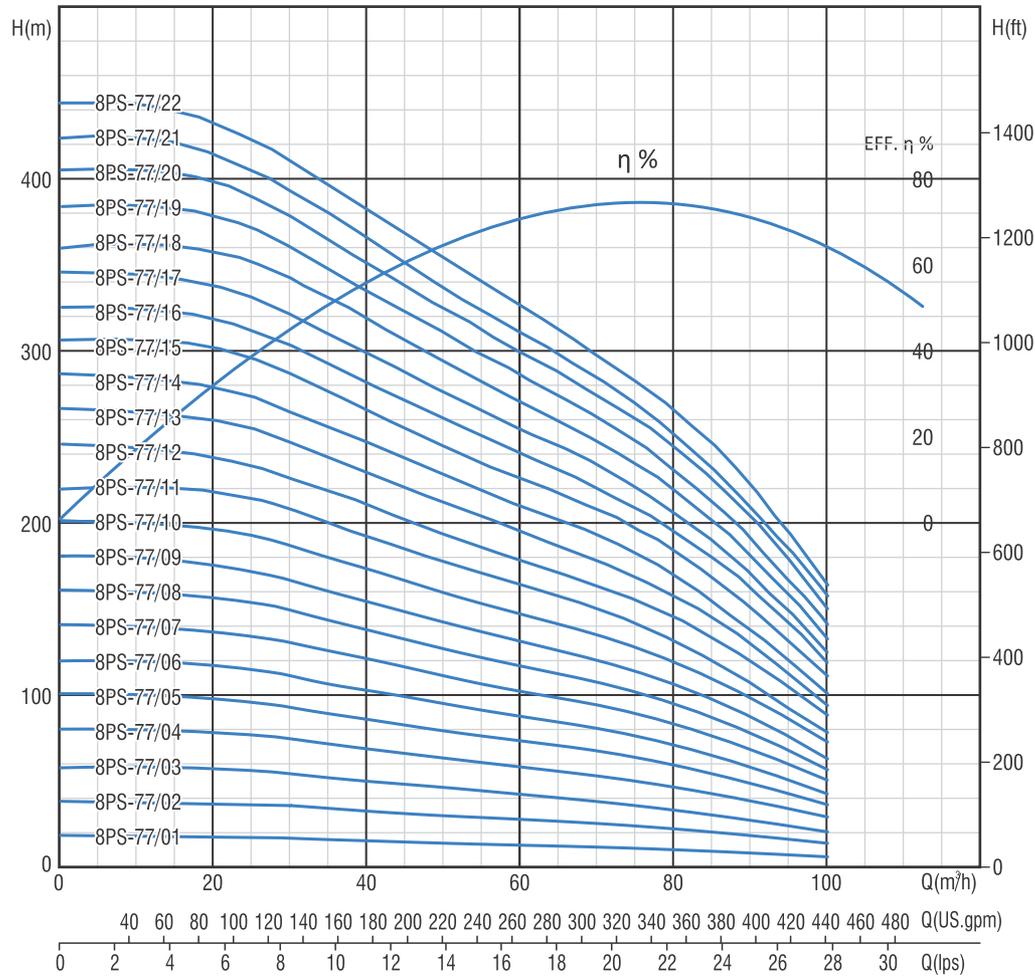
8PS-77

Nominal Flow: 77 m³/h

Outlet Size: 4"/5"*

Performance Curve

2900 rpm



Model	Motor Power		Q(m ³ /h) Q(lps)	Head(m)							Height L (mm)	Weight (kg)
	kW	HP		0	57.6	64.8	72	79.2	86.4	96		
8PS-77/01	5.5	7.5	0	19	18	15	14	13	11	6	571	26
8PS-77/02	7.5	10	20	38	37	33	30	28	23	14	699	30
8PS-77/03	11	15	40	58	58	50	46	42	33	21	827	34
8PS-77/04	15	20	60	80	79	69	64	58	47	30	955	38
8PS-77/05	18.5	25	80	101	98	86	79	74	59	36	1083	42
8PS-77/06	22	30	100	120	117	103	95	88	71	43	1211	46
8PS-77/07	26	35	120	141	137	121	111	102	83	71	1339	50
8PS-77/08	30	40	140	161	156	138	127	117	95	57	1467	54
8PS-77/09	30	40	160	181	176	154	142	131	106	63	1595	58
8PS-77/10	37	50	180	201	196	173	159	147	119	73	1723	62
8PS-77/11	45	60	200	217	216	190	176	162	131	77	1851	66
8PS-77/12	45	60	220	243	236	208	191	177	144	88	1979	70
8PS-77/13	55	75	240	264	257	227	210	193	156	93	2107	74
8PS-77/14	55	75	260	284	276	244	225	208	168	100	2235	78
8PS-77/15	55	75	280	303	299	263	242	223	183	110	2363	82
8PS-77/16	63	85	300	322	315	279	258	238	194	118	2491	86
8PS-77/17	63	85	320	342	335	296	273	252	204	124	2619	89
8PS-77/18	63	85	340	356	354	316	291	268	217	132	2747	93
8PS-77/19	75	100	360	380	375	331	307	283	229	140	2875	97
8PS-77/20	75	100	380	403	394	345	321	296	241	149	3003	101
8PS-77/21	75	100	400	419	409	367	334	308	249	156	3131	105
8PS-77/22	93	125	420	439	428	379	349	323	264	163	3259	109

*Optional outlet size, on request.

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STAINLESS STEEL SUBMERSIBLE PUMPS

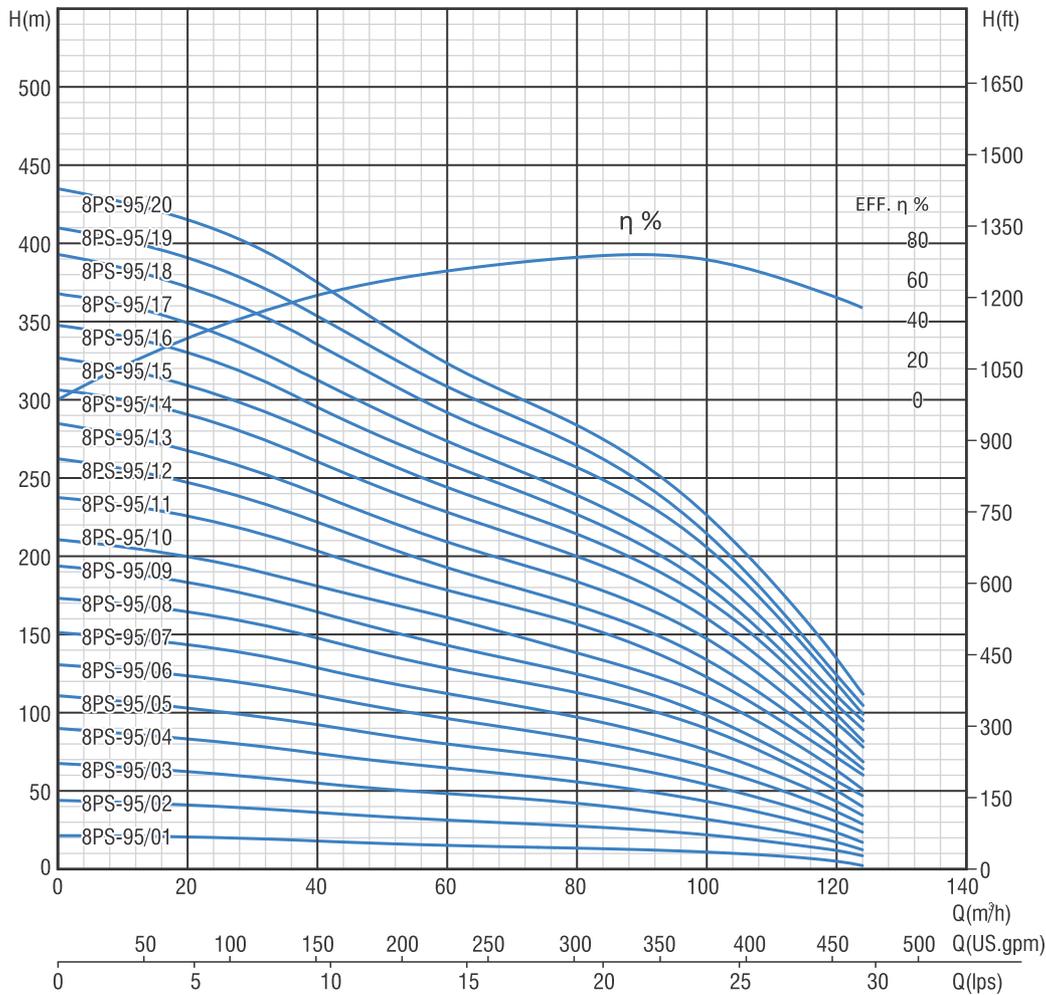
8PS-95

Nominal Flow: 95 m³/h

Outlet Size: 5"

Performance Curve

2900 rpm



Model	Motor Power		Q(m ³ /h) Q(lps)	Head (m)										Height L (mm)	Weight (kg)
	kW	HP		0	20	40	60	80	100	120	126	35			
8PS-95/01	5.5	7.5	20	19	17	14	13	11	6	2	617	21			
8PS-95/02	9.3	12.5	42	40	35	30	27	22	13	8	746	24.7			
8PS-95/03	13	17.5	66	61	54	47	42	32	19	12	875	28.6			
8PS-95/04	18.5	25	88	82	73	64	56	43	26	17	1004	32.5			
8PS-95/05	22	30	109	101	92	79	70	55	33	24	1133	36.4			
8PS-95/06	26	35	129	122	110	96	84	66	40	29	1262	40.4			
8PS-95/07	30	45	149	142	128	112	97	77	47	34	1391	44.3			
8PS-95/08	37	50	171	163	147	129	113	91	54	40	1520	48.2			
8PS-95/09	37	50	192	182	164	143	125	100	60	47	1649	52.1			
8PS-95/10	45	60	209	198	180	161	139	112	68	51	1778	56.1			
8PS-95/11	55	75	236	226	203	178	157	126	77	60	1907	60			
8PS-95/12	55	75	261	246	221	193	169	137	83	64	2036	63.9			
8PS-95/13	55	75	283	266	240	209	185	150	90	69	2165	67.9			
8PS-95/14	63	85	304	289	261	228	201	164	100	78	2294	71.8			
8PS-95/15	75	100	324	308	279	245	215	175	106	57	2423	75.7			
8PS-95/16	75	100	346	329	295	260	228	185	112	89	2552	79.6			
8PS-95/17	75	100	366	348	313	274	241	195	119	95	2681	83.6			
8PS-95/18	93	125	391	371	335	293	258	210	128	99	2810	87.5			
8PS-95/19	93	125	408	390	354	309	273	219	133	105	2939	91.4			
8PS-95/20	93	125	433	414	375	324	285	231	145	112	3068	95.4			

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ALINOX SERIES

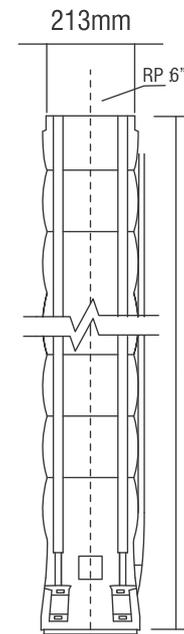
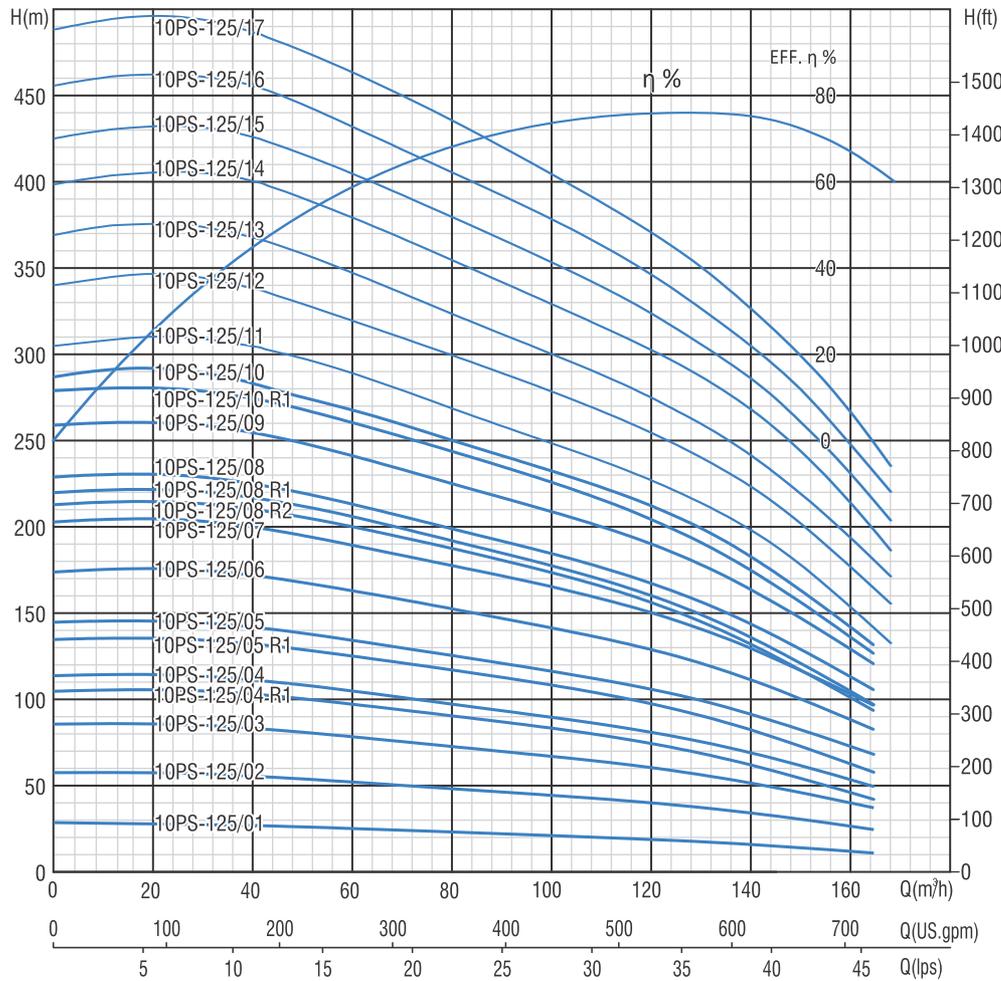
10PS-125

Nominal Flow: 125 m³/h

Outlet Size: 6"

Performance Curve

2900 rpm



Model	Motor Power		Q(m ³ /h) Q(lps)	Head (m)								Height L (mm)	Weight (kg)
	kW	HP		0	50	75	100	125	150	160			
10PS-125/01	11	15	29	26	24	21	18	14	12	682	30.45		
10PS-125/02	22	30	58	56	49	44	38	30	25	836	36.65		
10PS-125/03	30	40	86	81	74	66	56	45	37	990	43.35		
10PS-125/04R1	37	50	105	100	92	83	70	52	43	1144	49.95		
10PS-125/04	37	50	114	108	99	90	78	60	50	1144	49.95		
10PS-125/05R1	45	60	135	129	119	108	93	70	58	1298	56.55		
10PS-125/05	55	75	144	134	127	116	102	80	68	1298	56.55		
10PS-125/06	63	85	174	166	154	140	123	97	93	1452	63.25		
10PS-125/07	75	100	202	194	180	164	144	114	97	1606	69.85		
10PS-125/08R2	75	100	213	204	190	172	148	114	94	1760	76.55		
10PS-125/08R1	75	100	220	212	194	176	152	117	97	1760	76.55		
10PS-125/08	75	100	228	219	202	183	160	124	106	1760	76.55		
10PS-125/09	93	125	259	238	228	208	182	142	122	1914	83.15		
10PS-125/10R1	93	125	279	268	247	226	195	152	127	2068	89.75		
10PS-125/10	93	125	287	274	254	231	204	158	132	2068	85.25		
10PS-125/11	110	150	308	300	274	249	219	170	140	2222	91.3		
10PS-125/12	132	175	343	330	305	278	246	192	162	2376	97.35		
10PS-125/13	132	175	372	358	328	299	264	210	177	2530	103.4		
10PS-125/14	150	200	400	390	360	328	292	232	192	2684	109.45		
10PS-125/15	150	200	426	416	384	351	310	248	209	2838	115.5		
10PS-125/16	170	225	456	443	410	376	330	265	225	2992	121.55		
10PS-125/17	170	225	488	473	440	400	352	286	240	3146	127.6		

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STAINLESS STEEL SUBMERSIBLE PUMPS

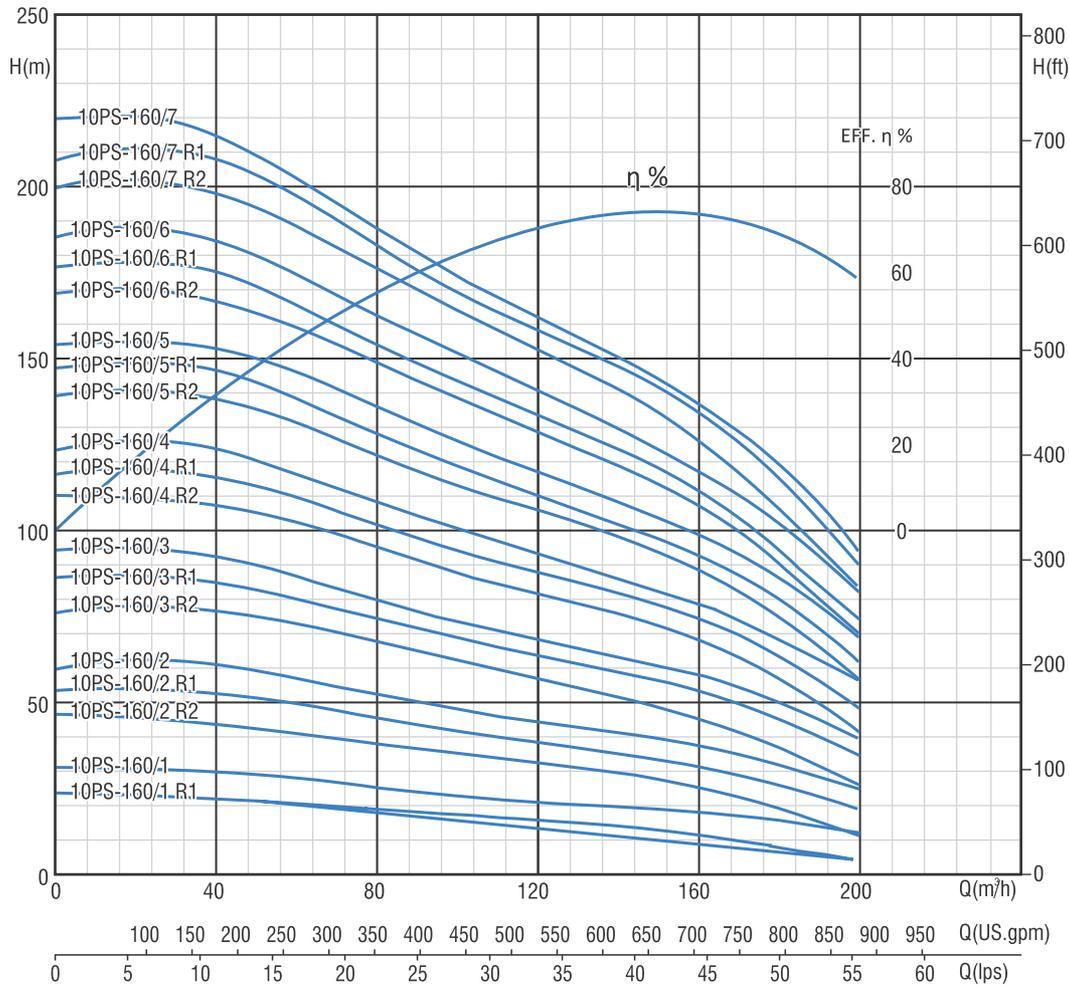
10PS-160

Nominal Flow: 160 m³/h

Outlet Size: 6"

Performance Curve

2900 rpm



Model	Motor Power		Q(m ³ /h) Q(lps)	0	50	80	120	160	200	Height L (mm)	Weight (kg)
	kW	HP		0	13.9	22.2	33.4	44.5	55.6		
10PS-160/1 R1	9.3	12.5	Head(m)	25	22	20.5	17	13	6	646	29.5
10PS-160/1	13	17.5		33	30	26.5	23	20	14.5	646	29.5
10PS-160/2 R2	18.5	25		48	44	39	34	27	14	802	35.6
10PS-160/2 R1	22	30		55	52	47	40	33	20.5	802	35.6
10PS-160/2	26	35		61	60	54	46	39	27	802	35.6
10PS-160/3 R2	30	40		77	75	69	59	47	28	958	42.3
10PS-160/3 R1	37	50		87.5	84	76	65	55	36	958	42.3
10PS-160/3	37	50		95.5	91	80.5	70	60	41	958	42.3
10PS-160/4 R2	45	60		111	106	96	83	70	44	1114	49
10PS-160/4 R1	45	60		117	114	103	88.5	76	50	1114	49
10PS-160/4	55	75		124.5	120	110	95	80	59	1114	49
10PS-160/5 R2	55	75		140	186	123	107	90	59.5	1270	55.7
10PS-160/5 R1	55	75		148	144	129	111	95	64	1270	55.7
10PS-160/5	63	85		155	150	136.5	118	100	71	1270	55.7
10PS-160/6 R2	63	85		169	163	150	129	108.5	72	1426	62.4
10PS-160/6 R1	75	100		177	170	155	135	113	76	1426	62.4
10PS-160/6	75	100		186	180	165	142	119	84	1426	62.4
10PS-160/7 R2	75	100		200	193	177	153	127	86	1582	69
10PS-160/7 R1	93	125		208	203	184	159	136	92	1582	69
10PS-160/7	93	125		220	209	188.5	163	138	96	1582	69

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ALINOX SERIES

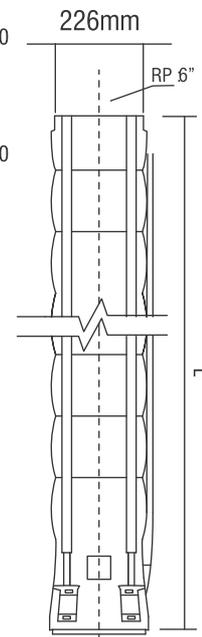
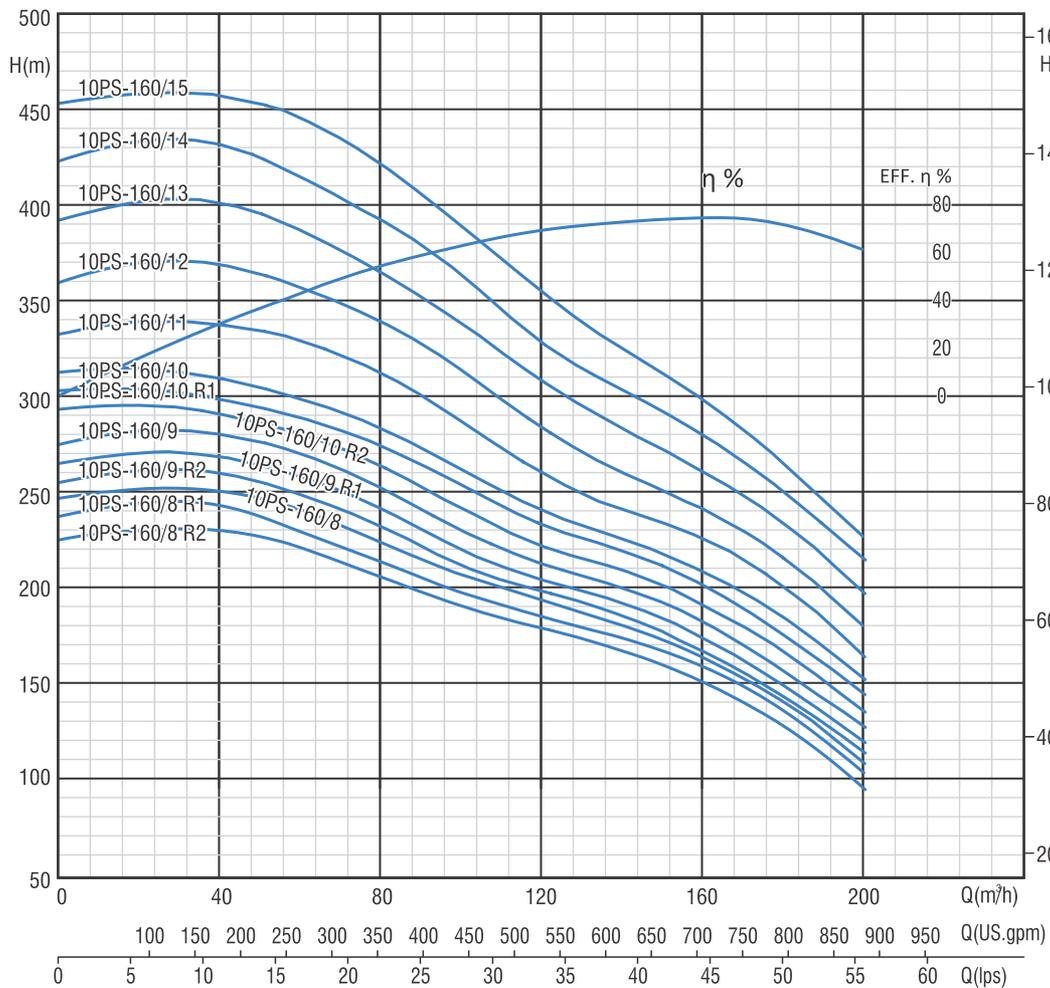
10PS-160

Nominal Flow: 160 m³/h

Outlet Size: 6"

Performance Curve

2900 rpm



Model	Motor Power		Q(m ³ /h) Q(lps)	0	50	80	120	160	200	Height L (mm)	Weight (kg)
	kW	HP		0	13.9	22.2	33.4	44.5	55.6		
10PS-160/8 R2	93	125	Head(m)	230	223	203	175	147	97	1738	75.7
10PS-160/8 R1	93	125		240	231	209	180	153	104	1738	75.7
10PS-160/8	93	125		247.5	239	216	188.5	156.5	108	1738	75.7
10PS-160/9 R2	110	150		255	251	229	193	160	105	1894	82.4
10PS-160/9 R1	110	150		265	263	238	200	167	112	1894	82.4
10PS-160/9	110	150		275	273	249	207	176	120	1894	82.4
10PS-160/10 R2	110	150		294	283	260	218	185	178	2050	89.1
10PS-160/10 R1	132	175		304	289	270	228	195	138	2050	89.1
10PS-160/10	132	175		310	300	280	233	200	140	2050	89.1
10PS-160/11	132	175		333	328	309	255	220	156	2206	95.8
10PS-160/12	150	200		360	358	338	279	235	173	2362	102.4
10PS-160/13	170	225		392	389	362	304	255	190	2518	109.1
10PS-160/14	170	225		423	418	389	324	274	208	2674	115.8
10PS-160/15	187	250		453	450	419	350	292	220	2830	122.5

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STAINLESS STEEL SUBMERSIBLE PUMPS

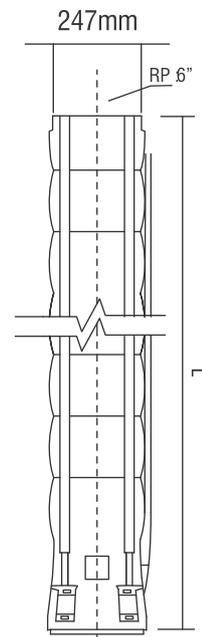
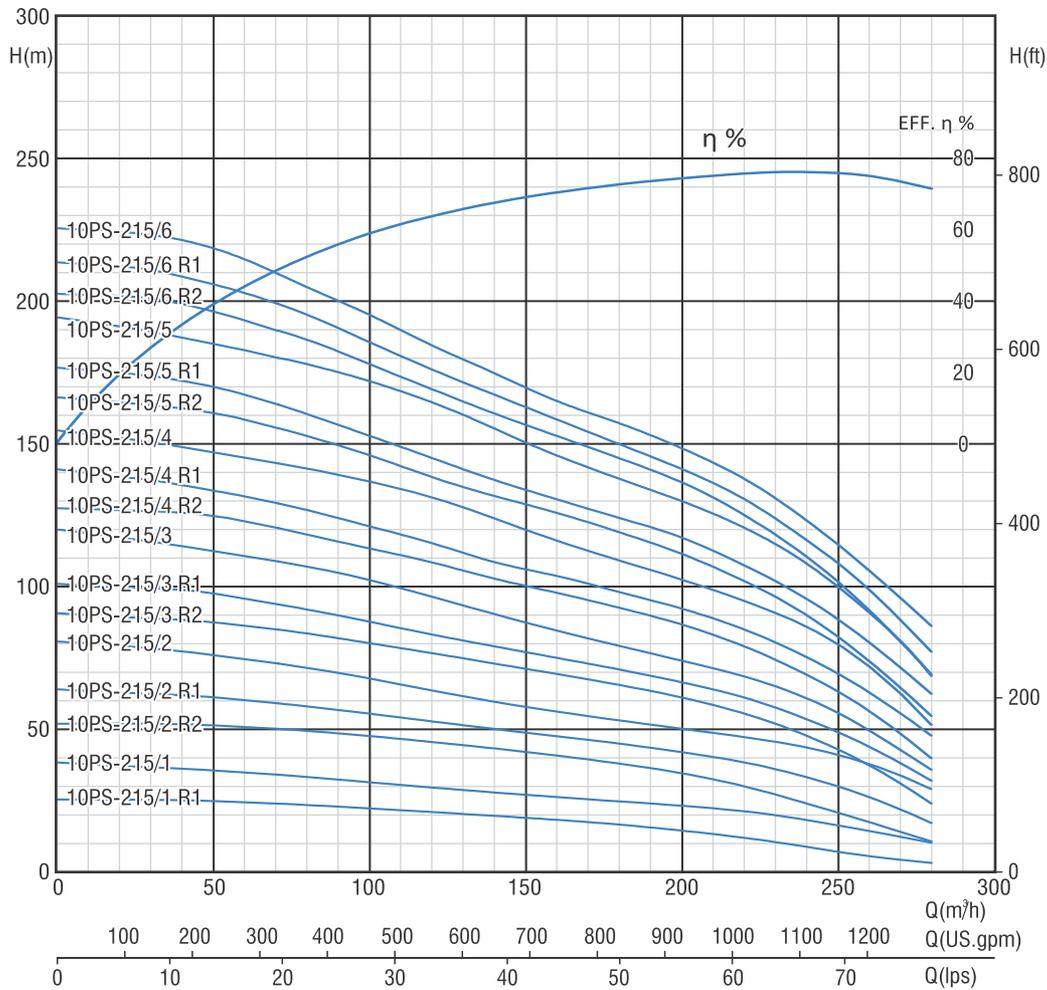
10PS-215

Nominal Flow: 215 m³/h

Outlet Size: 6"

Performance Curve

2900 rpm



Model	Motor Power		Q(m ³ /h) Q(lps)	0	50	100	150	200	215	250	280	Height L (mm)	Weight (kg)
	kW	HP		0	13.89	27.78	41.67	55.56	59.72	69.44	77.78		
10PS-215/1 R1	15	20	Head(m)	26	25	23	19	15	13	7	4	793	53
10PS-215/1	18.5	25		38	36	32	27	23.5	22	16.5	10.5	793	53
10PS-215/2 R2	30	40		53	52	49	42	35	31	21	11	969	66
10PS-215/2 R1	37	50		64	61	55	49	42	40	30	18	969	66
10PS-215/2	45	60		82	76	68	58	50	48	41	29.5	969	66
10PS-215/3 R2	55	75		90	88	80	71	61	58	43	24	1145	78
10PS-215/3 R1	55	75		101	97	88	76	66	63	49	33	1145	78
10PS-215/3	63	85		120	112	102	87	74	70	56	32	1145	78
10PS-215/4 R2	75	100		127	125	114	101	86	81	64	40	1321	91
10PS-215/4 R1	75	100		138	134	121	106	92	87	70	48	1321	91
10PS-215/4	75	100		156	147	137	120	102	97	80	52	1321	91
10PS-215/5 R2	93	125		165	161	146	129	111	105	83	55	1497	103
10PS-215/5 R1	93	125		175	170	153	134	118	110	89	63	1497	103
10PS-215/5	93	125		196	185	146	150	128	123	100	69	1497	103
10PS-215/6 R2	110	150		201	196	153	156	136	128	101	70	1673	116
10PS-215/6 R1	110	150		212	206	172	163	141	134	109	78	1673	116
10PS-215/6	110	350		225	218	178	170	148	140	115	86	1673	116

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ALINOX SERIES

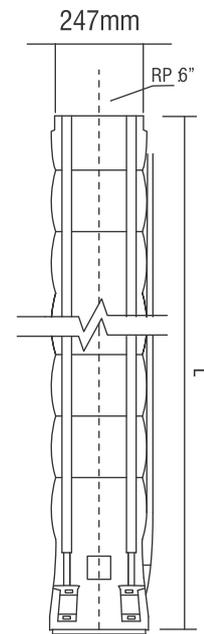
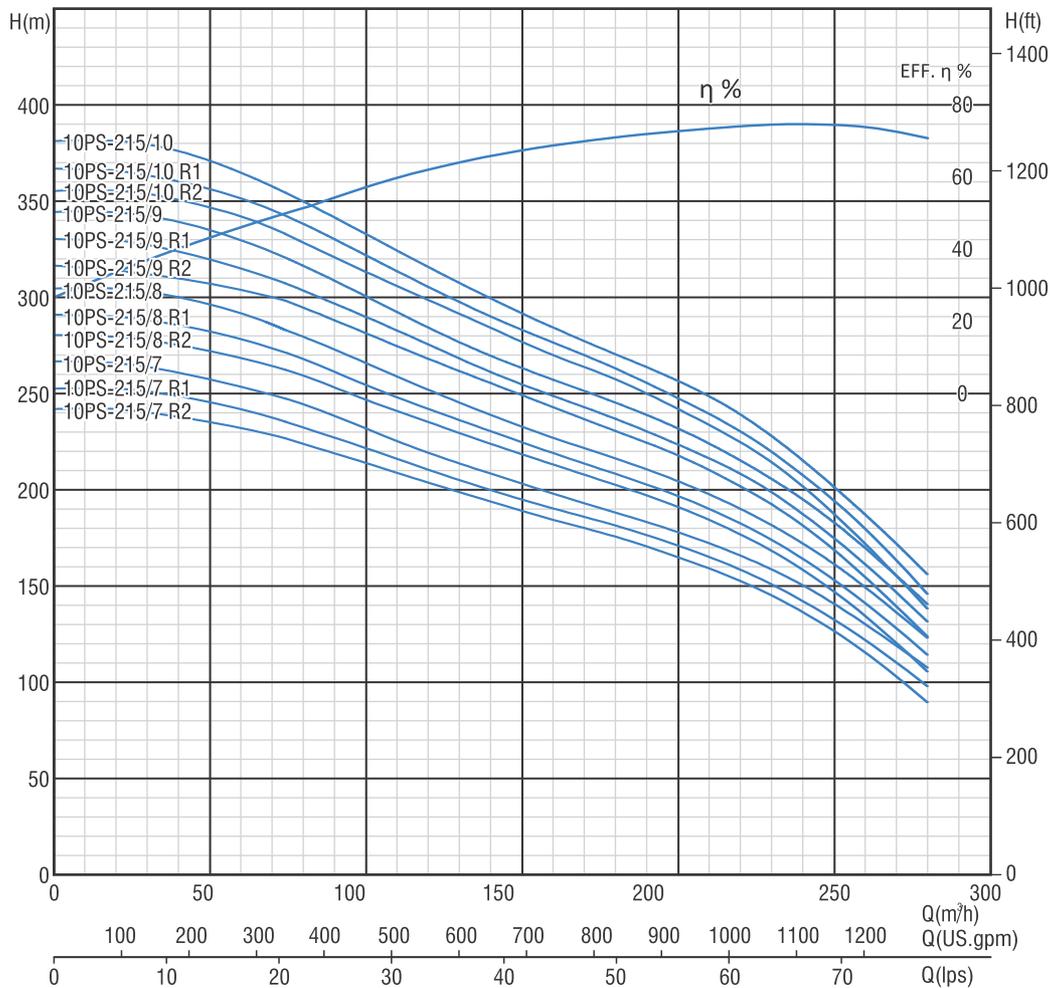
10PS-215

Nominal Flow: 215 m³/h

Outlet Size: 6"

Performance Curve

2900 rpm



Model	Motor Power		Q(m ³ /h) Q(lps)	0	50	100	150	200	215	250	280	Height L (mm)	Weight (kg)
	kW	HP		0	13.89	27.78	41.67	55.56	59.72	69.44	77.78		
10PS-215/7 R2	132	175	Head(m)	242	236	186	189	165	156	126	90	1849	128
10PS-215/7 R1	132	175		252	246	195	195	171	162	33	99	1849	128
10PS-215/7	132	175		267	258	214	203	178	169	140	107	1849	128
10PS-215/8 R2	150	200		281	273	222	218	191	181	148	106	2025	141
10PS-215/8 R1	150	200		286	282	232	225	197	186	153	114	2025	141
10PS-215/8	150	200		308	295	248	232	204	194	161	12.4	2025	141
10PS-215/9 R2	170	225		319	311	255	249	218	206	169	124	2201	153
10PS-215/9 R1	170	225		330	321	265	255	224	213	175	132	2201	153
10PS-215/9	170	225		344	335	281	263	231	219	183	140	2201	153
10PS-215/10 R2	187	250		355	346	290	277	242	230	183	138	2377	166
10PS-215/10 R1	187	250		367	356	300	283	248	235	195	146	2377	166
10PS-215/10	187	250		381	370	314	291	256	245	201	156	2377	166

In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

FRICITION LOSS TABLE

FRICITION LOSS IN METER FOR GALVANIZED PIPE (C-100/PER MTR.)									
Flow Rate In LPM	Nominal Pipe Dia in mm/inches								
	25/1"	32/1.25"	40/1.5"	50/2"	65/2.5"	80/3"	100/4"	125/5"	150/6"
30	0.098								
60	0.362	0.1197							
75	0.532	0.1808	0.0748						
96	0.840	0.2856	0.1181	0.0287					
120	1.260	0.4314	0.1785	0.0434					
150		0.0519	0.2697	0.0656	0.0221				
192		1.0293	0.4257	0.1035	0.0349				
240			0.6133	0.1565	0.0528	0.0217			
300			0.9721	0.2362	0.0798	0.0328			
480				0.5641	0.1903	0.0783			
600				0.8523	0.2875	0.1183	0.0291		
760				1.2879	0.4345	0.1788	0.0440		
960				2.0332	0.6859	0.2823	0.0695	0.0235	
1200				3.0727	1.0365	0.4265	0.1051	0.0354	
1500					1.5662	0.6445	0.1588	0.0536	0.0220
1920					2.4728	1.0176	0.2507	0.0846	0.0348
2400						1.5376	0.3788	0.1278	0.0526
2400							0.3788	0.1278	0.0526
3000							0.5724	0.1931	0.0795
3600							0.8020	0.2705	0.1113
4800							1.3656	0.4606	0.1896
6000								0.6960	0.2864
7500								1.0518	0.4328

FRICITION LOSS IN METER FOR GALVANIZED PIPE (C-100/PER MTR.)									
Flow Rate In LPM	Nominal Pipe Dia in mm/inches								
	25/1"	32/1.25"	40/1.5"	50/2"	65/2.5"	80/3"	100/4"	125/5"	150/6"
30	0.046								
60	0.166	0.0565							
75	0.251	0.0854	0.0353						
96	0.397	0.1349	0.0558	0.0136					
120	0.599	0.2038	0.0843	0.0205					
150		0.3079	0.1274	0.0310	0.0104				
192		0.4861	0.2011	0.0489	0.0165				
240			0.3039	0.0739	0.0249	0.0103			
300			0.4591	0.1117	0.0377	0.0155			
480				0.2661	0.0899	0.0370			
600				0.4025		0.0559	0.0139		
760				0.6083	0.2052	0.0844	0.0208		
960				0.9604	0.3240	0.1333	0.0328	0.0111	
1200				1.4513	0.4895	0.2015	0.0496	0.0167	
1500					0.7397	0.3044	0.0750	0.0253	0.0104
1920					1.1679	0.4806	0.1184	0.0399	0.0164
2400						0.7262	0.1789	0.0604	0.0248
2400							0.1789	0.0604	0.0248
3000							0.2703	0.0912	0.0375
3600							0.3788	0.1278	0.0526
4800							0.6150	0.2176	0.0895
6000								0.3288	0.1353
7500								0.4968	0.2044

ADAPTABILITY. **R**IGHT OPTION. **O**PPORTUNITY. **W**ORD OF TRUST



INOX SERIES

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