

SPEED

PROFESSIONAL PERFORMANCE

A 4", 6", 8", 10" series

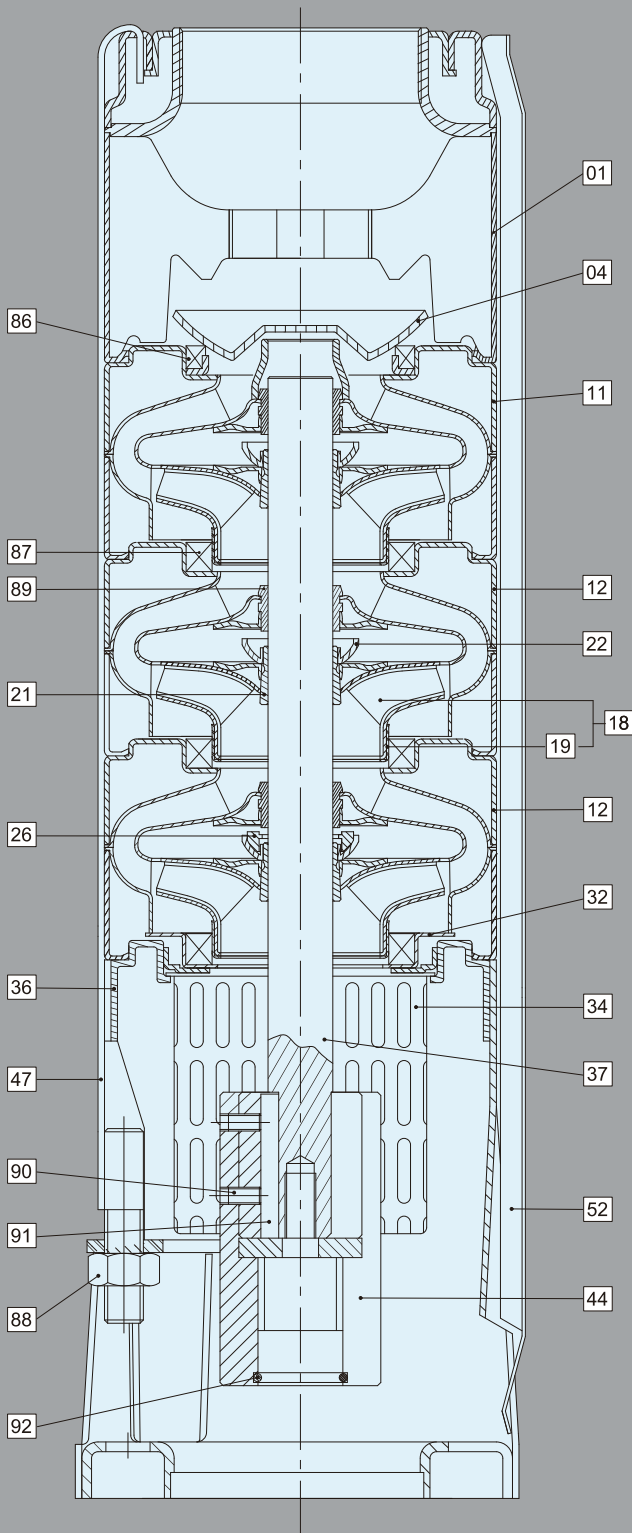
Stainless Steel Submersible Pumps

50Hz



General Data

Example: A-22



Material Specification-6" Pumps

Pos.	Components	Standard
01	Discharge	SUS304 / SUS316
04	Valve Cone	SUS304 / SUS316
11	Top Diffuser	SUS304 / SUS316
12	Diffuser	SUS304 / SUS316
18	Impeller	SUS304 / SUS316
19	Ring of Impeller	SUS304 / SUS316
21	Split Cone	SUS304 / SUS316
22	Split Cone Nut	SUS304 / SUS316
26	Spacing Washer For Stop Ring	Carbon+Graphite+PTFE
32	Neck Ring Retainer	SUS304 / SUS316
34	Strainer	SUS304 / SUS316
36	Suction Interconnector	SUS304 / SUS316
37	Pump Shaft	SUS431 / SUS316
44	Coupling	SUS431 / SUS316
47	Strap	SUS304 / SUS316
52	Cable Guard	SUS304 / SUS316
86	Valve Seat	SUS304+NBR / SUS316+NBR
87	Neck Ring	SUS304+NBR / SUS316+NBR
88	Nut	SUS304 / SUS316
89	Bearing	NBR
90	Screw	SUS304 / SUS316
91	Key	SUS304 / SUS316
92	O-ring	NBR

*AISI 316 stainless steel pumps are available on request.

6" Stainless Steel Submersible Pumps

SPEED A 6" range of submersible pumps are made of corrosion and abrasion resistant stainless steel and have been developed in accordance with state of the art technology. The A 6" pumps are manufactured to the highest standards of highly efficient hydraulic impeller and diffuser design to reach high energy efficiency, dependable performance, rugged construction and long service life, even in difficult environments.

Applications

- ◆ Potable water supply
- ◆ Agricultural irrigation and livestock watering
- ◆ Municipal and industrial water supply
- ◆ Pressure boosting
- ◆ Mining applications
- ◆ Groundwater lowering
- ◆ Fountain

Pumped Liquids

- ◆ Clean, thin, non-aggressive and non-corrosive liquids without solid particles or fibers.

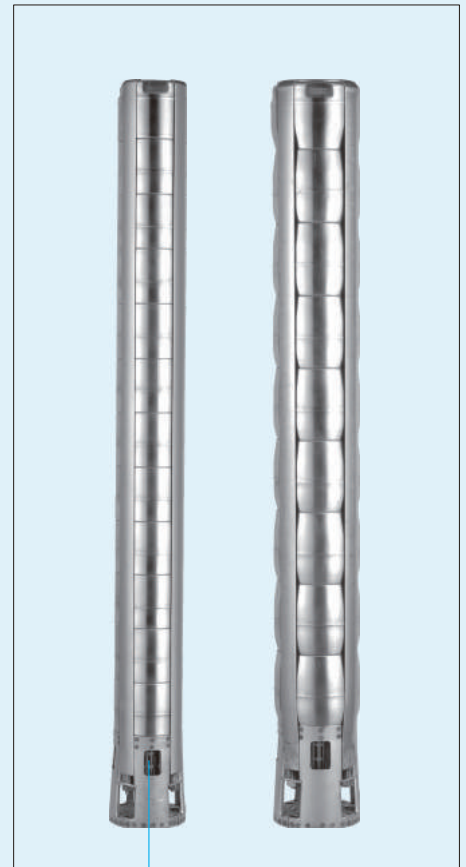
Operating Conditions

- ◆ Capacity (m³/h) min 3 max 78
- ◆ Total Head: Max. 648 m
- ◆ Max. ambient temperature (Liquid):30°C
- ◆ Sand content: Max. 50 g/m³
- ◆ Screen size of each hole: 20 x 4 mm



Features

- ◆ Stainless steel construction designed and built for years of trouble free operation
- ◆ Designed and built to operate in difficult conditions.
- ◆ All metal parts are made of 304 or 316 stainless steel, except for the shafts, which are made of 431 or 316 stainless steel.
- ◆ Heavy duty stainless steel discharge head with built-in check valve for preventing back flow in connection with pump stoppage and the risk of destructive water hammer is reduced to a minimum.
- ◆ NEMA standard of bracket mounting.
- ◆ High quality shaft bearings provide low friction and high wear resistance.
- ◆ The stop ring prevents damage to the pump during transport and in case of up-thrust in connection with start-up. The stop ring, which is designed as a thrust bearing, limits axial movements of the pump shaft.
- ◆ Stainless steel strainer to restrict the entry of sand and other extraneous material.

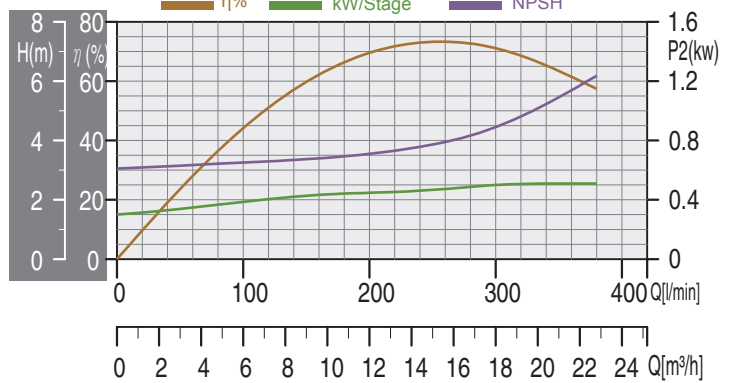
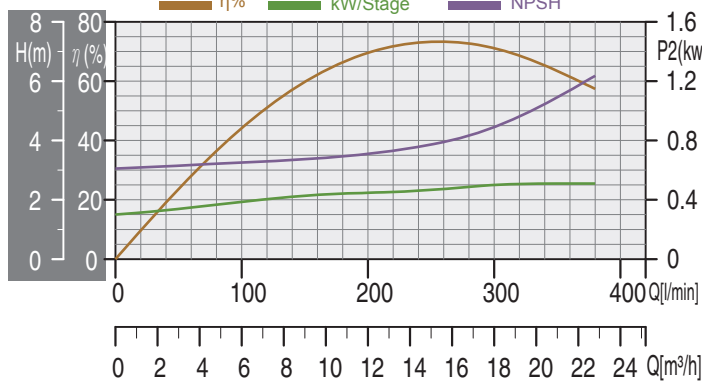
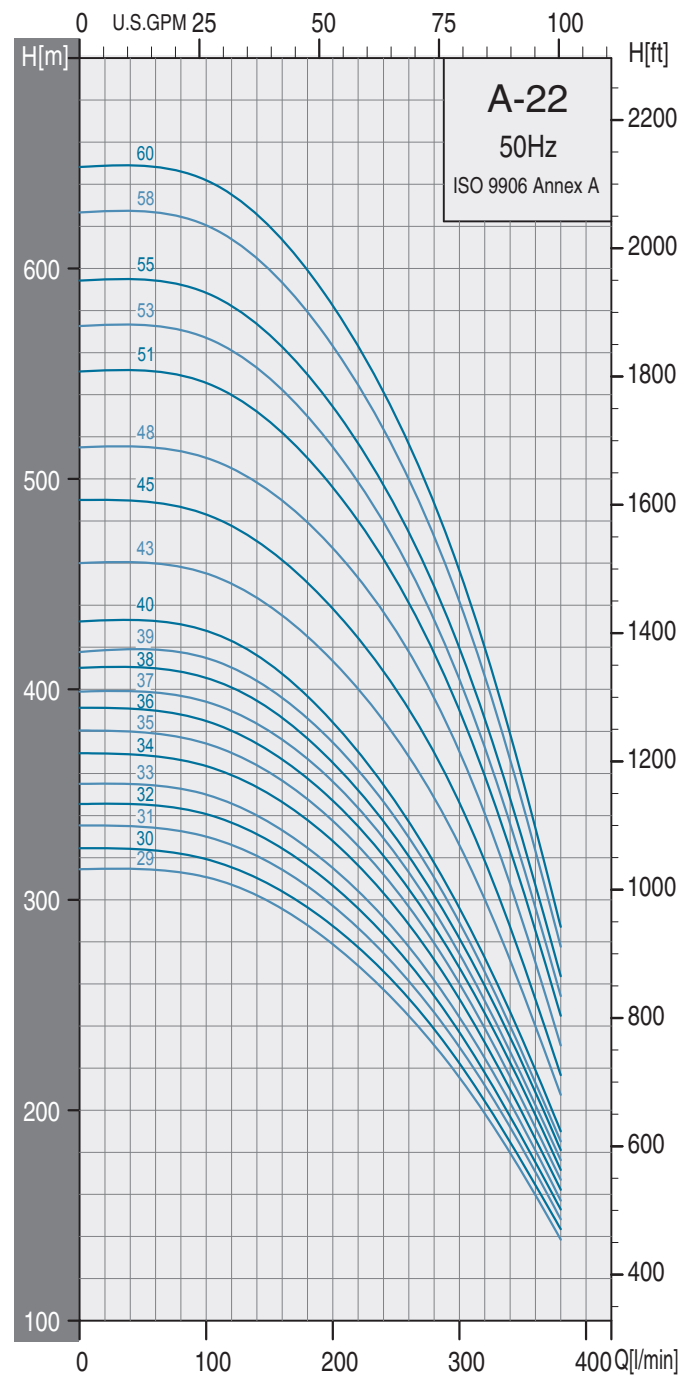
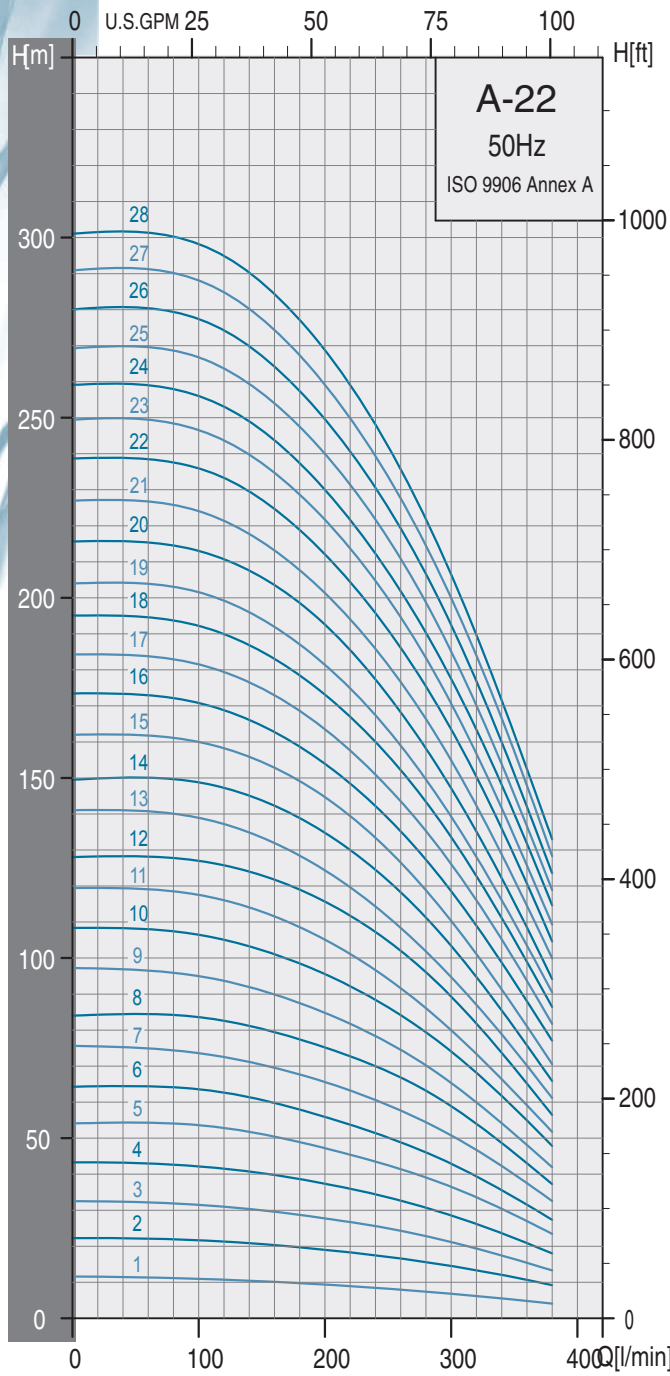


SPEED A Series

A 6"

A-22

Performance Curves



Selection Chart

50Hz

Dimensions and weights

Pump Type	Motor		m³/h l/min	Q capacity 2850 rpm							
	P2			3	6	9	12	15	18	21	23
	KW	HP		50	100	150	200	250	300	350	383
A 22-1	0.55	0.75	12	11	11	10	8	7	6	4	
A 22-2	1.1	1.5	22	22	20	19	18	14	12	9	
A 22-3	2.2	3	32	32	30	28	25	21	17	13	
A 22-4	2.2	3	43	42	40	38	33	29	23	18	
A 22-5	3	4	53	52	51	48	43	37	29	22	
A 22-6	3.7	5	64	63	60	56	50	43	34	27	
A 22-7	4	5.5	75	74	70	66	59	51	40	32	
A 22-8	5.5	7.5	85	84	80	75	68	59	46	37	
A 22-9	5.5	7.5	97	95	91	85	77	65	51	42	
A 22-10	5.5	7.5	108	107	102	95	86	74	58	48	
A 22-11	7.5	10	119	118	113	105	94	80	63	52	
A 22-12	7.5	10	128	127	123	116	105	89	69	57	
A 22-13	7.5	10	141	139	133	124	112	95	75	60	
A 22-14	9.3	12.5	150	149	144	135	122	103	81	66	
A 22-15	9.3	12.5	162	160	155	145	130	110	86	71	
A 22-16	9.3	12.5	173	171	165	154	139	119	93	77	
A 22-17	9.3	12.5	184	182	175	163	147	126	100	80	
A 22-18	9.3	12.5	195	192	185	173	156	134	105	86	
A 22-19	11	15	204	202	194	181	163	139	110	91	
A 22-20	11	15	216	213	206	192	173	147	116	95	
A 22-21	11	15	227	224	216	201	182	155	122	100	
A 22-22	13	17.5	239	237	228	212	190	163	129	105	
A 22-23	13	17.5	250	247	237	222	200	171	134	109	
A 22-24	13	17.5	260	257	247	230	208	178	140	115	
A 22-25	15	20	270	261	257	240	217	185	145	119	
A 22-26	15	20	281	278	267	250	225	192	151	124	
A 22-27	15	20	291	288	277	259	234	200	158	128	
A 22-28	18.5	25	302	298	288	269	242	207	162	133	
A 22-29	18.5	25	314	311	300	279	250	215	170	138	
A 22-30	18.5	25	324	319	307	288	260	222	175	144	
A 22-31	18.5	25	335	330	318	298	269	230	181	148	
A 22-32	18.5	25	345	341	328	307	277	237	187	153	
A 22-33	18.5	25	355	350	337	315	285	243	191	157	
A 22-34	18.5	25	369	364	350	328	296	253	199	162	
A 22-35	22	30	379	374	361	338	305	260	204	167	
A 22-36	22	30	390	385	371	348	313	268	210	170	
A 22-37	22	30	399	394	380	356	322	274	203	176	
A 22-38	22	30	410	405	390	365	330	281	222	180	
A 22-39	22	30	419	415	400	375	364	289	227	185	
A 22-40	22	30	433	428	412	384	346	296	235	190	
A 22-43	26	35	460	455	440	414	377	326	257	207	
A 22-45	26	35	489	483	466	438	400	346	271	217	
A 22-48	26	35	515	510	494	467	428	371	290	231	
A 22-51	30	40	551	546	527	496	452	390	301	245	
A 22-53	30	40	573	567	548	515	469	405	317	254	
A 22-55	37	50	595	589	569	534	486	420	329	264	
A 22-58	37	50	627	621	600	563	512	442	346	278	
A 22-60	37	50	649	642	620	582	529	457	357	287	

HEAD IN METERS

Pump Type	Motor Dia.	Dimensions (mm)			Net Weight (Kg) Pump
		A	C*	C**	
A 22-1	4"	343	131		5.0
A 22-2	4"	403	131		6.4
A 22-3	4"	464	131		7.9
A 22-4	4"	524	131		9.3
A 22-5	4"	585	131		10.8
A 22-6	4"	645	131		12.2
A 22-7	4"	706	131		13.7
A 22-8	4"	766	131		15.1
A 22-9	4"	827	131		16.6
A 22-10	4"	887	131		18.0
A 22-11	6"	948	142	142	19.5
A 22-12	6"	1008	142	142	20.9
A 22-13	6"	1069	142	142	22.4
A 22-14	6"	1129	142	142	23.9
A 22-15	6"	1190	142	142	25.3
A 22-16	6"	1250	142	142	26.8
A 22-17	6"	1311	142	142	28.2
A 22-18	6"	1371	142	142	29.7
A 22-19	6"	1432	142	142	31.1
A 22-20	6"	1492	142	142	32.5
A 22-21	6"	1553	142	142	34.0
A 22-22	6"	1613	142	142	35.4
A 22-23	6"	1674	142	142	36.9
A 22-24	6"	1734	142	142	38.3
A 22-25	6"	1795	142	142	39.8
A 22-26	6"	1855	142	142	41.2
A 22-27	6"	1916	142	142	42.7
A 22-28	6"	1976	142	142	44.2
A 22-29	6"	2037	142	142	45.6
A 22-30	6"	2097	142	142	47.1
A 22-31	6"	2158	142	142	48.5
A 22-32	6"	2218	142	142	50.0
A 22-33	6"	2279	142	142	51.4
A 22-34	6"	2339	142	142	52.9
A 22-35	6"	2400	142	142	54.3
A 22-36	6"	2460	142	142	55.7
A 22-37	6"	2521	142	142	57.2
A 22-38	6"	2581	142	142	58.6
A 22-39	6"	2642	142	142	60.1
A 22-40	6"	2702	142	142	61.5
A 22-43	6"	3255	178	181	121.7
A 22-45	6"	3376	178	181	126.1
A 22-48	6"	3558	178	181	132.6
A 22-51	6"	3739	178	181	139.1
A 22-53	6"	3860	178	181	143.4
A 22-55	6"	3981	178	181	147.8
A 22-58	6"	4163	178	181	154.3
A 22-60	6"	4284	178	181	158.6

*Higher pressure , longer stages pumps up to 60 stages are available on request.

▶ With Sleeve .

C*: Maximum diameter of pump with one motor cable
 C**: Maximum diameter of pump with two motor cable
 SP-9043 to SP-9060 are mounted in sleeve for R 3 connection
 ▶ With Sleeve .

