

AP6 6" SUBMERSIBLE PUMP



PUMP DESIGN

- The AP6 pump has been designed for matching market requirements and easy maintenance

APPLICATIONS

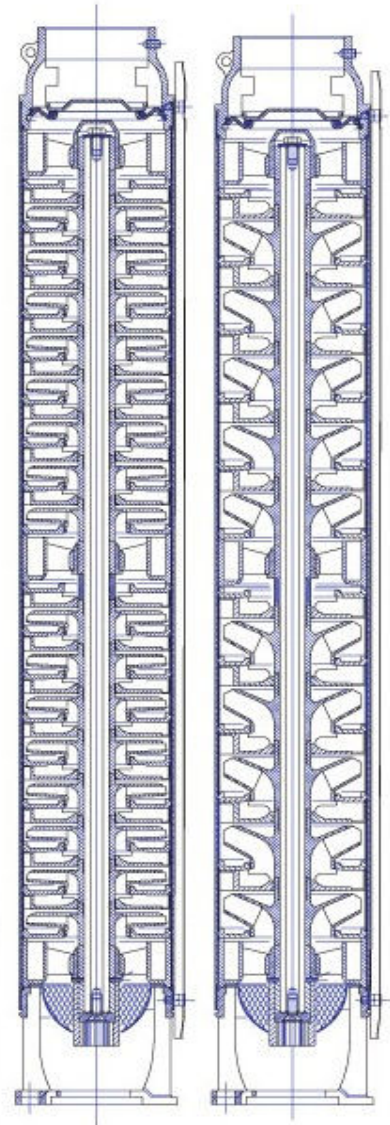
- Domestic and industrial water supply
- Aqueducts
- Fire-fighting systems
- Pressurizing water system
- Shower and running irrigation
- Several plants

MATERIALS

Impeller:	Noryl
Diffuser:	Noryl
Diffuser casing:	SS 304
Top and bottom:	SS 304
Pump Shaft:	SS 420/304
Pump coupling:	SS 304
External jacket:	SS 304
Screen:	SS 304
Cable guard:	SS 304

OPERATING DATA

Capacity:	Up to 66 m ³ /h
Head:	Up to 730 m
Power:	Up to 43 kW
Max. water temperature:	30°C
Max. sand content:	60 g/m ³
Direction of rotation:	CCW facing delivery side
Min. recommended head of water above pump suction:	1 m



AP6 performance chart

tolerances according to ISO 9906 annex A



50 Hz 2 poles		Q (mc/h)	0	3	6	7.2	9	12	15	16.8	18	24	30	36	42	48	54	60	66
TYPE	HP	Q (l/min)	0	50	100	120	150	200	250	280	300	400	500	600	700	800	900	1000	1100
AP6B5	3		81	78	71	68	61	47	27										
AP6B6	4		98	93	86	82	74	56	32										
AP6B7	4		114	109	100	95	86	66	37										
AP6B8	5		130	124	114	109	98	75	43										
AP6B9	5.5		147	140	128	122	110	84	48										
AP6B12	7.5		196	186	171	163	147	113	64										
AP6B15	10		244	233	214	204	184	141	80										
AP6B18	12.5		293	279	257	245	221	169	96										
AP6B21	12.5		342	326	299	286	258	197	112										
AP6B24	15		391	372	342	326	294	225	128										
AP6B28	17.5		456	434	399	381	344	263	150										
AP6B30SD	20		487	465	428	408	368	281	161										
AP6B40SD	25		649	620	570	544	491	375	214										
AP6B45SD	30		729	698	641	612	552	422	241										
AP6D4	3		62			60	57	51	42	35	30								
AP6D5	4		78			75	72	64	53	44	37								
AP6D6	5		94			90	86	77	64	53	44								
AP6D7	7.5		109			105	100	89	74	62	52								
AP6D8	7.5		125			120	115	102	85	70	59								
AP6D9	7.5		140			135	129	115	95	79	67								
AP6D12	10		187			180	172	153	127	106	89								
AP6D15	12.5		234			225	215	192	159	132	111								
AP6D18	15		281			269	258	230	191	158	133								
AP6D21	17.5		328			314	301	268	223	185	155								
AP6D24	20		374			359	344	307	254	211	178								
AP6D30	25		468			449	431	383	318	264	222								
AP6D35SD	30		546			524	502	447	371	308	259								
AP6D40SD	35		624			599	574	511	424	352	296								
AP6E2	2		28					25	23	22	21	17	10	2					
AP6E3	3		41					35	34	32	30	25	15	3					
AP6E3	4		45					40	38	37	36	30	22	11					
AP6E4	5		59					54	51	49	48	40	30	15					
AP6E6	7.5		89					81	77	74	72	60	44	23					
AP6E8	10		119					108	102	99	96	80	59	30					
AP6E10	12.5		149					135	128	123	120	100	74	38					
AP6E12	15		178					162	153	148	144	120	89	46					
AP6E14	17.5		208					189	179	172	168	140	103	53					
AP6E16	20		238					216	204	197	192	160	118	61					
AP6E20	25		297					270	255	246	240	200	148	76					
AP6E24	30		357					324	307	296	288	240	177	91					
AP6E28SD	35		416					377	358	345	336	280	207	106					
AP6E32SD	40		476					431	409	394	384	320	236	122					
AP6E39SD	50		580					526	498	480	468	390	288	148					
AP6E44SD	60		654					593	562	542	528	440	325	167					
AP6H2	4		31								29	26	24	20	15	7			
AP6H3	5.5		48								43	40	35	30	22	11			
AP6H4	7.5		63								57	53	47	40	29	14			
AP6H5	10		78								72	66	59	50	36	18			
AP6H6	12.5		94								86	79	71	59	44	22			
AP6H8	15		126								114	106	94	79	58	29			
AP6H9	17.5		141								129	119	106	89	65	32			
AP6H10	20		157								143	132	118	99	73	36			
AP6H12	25		188								172	158	142	119	87	43			
AP6H15	30		235								215	198	177	149	109	54			
AP6H18	35		283								257	238	212	178	131	65			
AP6H20	40		314								286	264	236	198	145	72			
AP6H24S	50		376								343	317	283	238	174	86			
AP6H28SD	60		438								400	370	330	277	203	101			
AP6I2	3		21									16	14	12	10	8	5		
AP6I2	5		26										21	19	17	14	11	8	4
AP6I3	7.5		40										32	29	26	22	17	12	6
AP6I4	10		52										42	38	34	29	23	16	8
AP6I5	12.5		65										53	48	43	36	29	20	10
AP6I6	15		78										63	58	51	43	34	24	12
AP6I7	17.5		104										84	77	68	58	46	32	16
AP6I8	20		118										95	86	77	65	51	36	18
AP6I9	25		131										106	96	85	72	57	40	20
AP6I12	30		158										127	115	102	86	68	48	24
AP6I15	35		197										158	144	128	108	86	60	30
AP6I18	40		236										190	173	153	130	103	72	36
AP6I22S	50		284										232	211	187	158	125	88	44
AP6I25S	60		326										264	240	213	180	143	100	50

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