

S6

6" SUBMERSIBLE PUMPS

Multistage, centrifugal, submersible motor-driven pumps for 6" wells or larger, able to generate a vast range of heads and flow rates.

They can be employed in a wide range of lifting, distributing and pressurising applications in civil and industrial water installations, supplying autoclaves and cisterns, fire fighting and washing systems, irrigation systems.

Constructional characteristics of the pump:

Base support and upper head in stainless steel AISI 304
Bottom support dimensioned to NEMA 6" standard.

Check valve incorporated in the supply support.

Bush bearings: bronze rubber.

Spline shaft (AISI 420) entirely protected.

Consumable rings, spacer tubes for diffuser body, cable protection, suction grille in AISI 304 stainless steel. Noryl impellers and diffusers.

Constructional characteristics of the motor

Asynchronous 2-pole submersible motor totally built from AISI 304 stainless steel.

Squirrel-cage rotor mounted on a self-centring thrust block bearing suitable for withstanding axial loads. Stator inserted in a stainless steel airtight casing. Protection devices must be provided by the user according to EN 60947-4-1 (Cut-in delay <10 sec. a 5 x In).

Protection level: IP 68.

Operating range: up to 66 m³/h with heads up to 468 m.

Pumped liquid: clean, free from solid or abrasive substances, chemically neutral and close to the characteristics of water.

Max. ambient temperature: 30°C.

Starts/hour: max 20.

Max. quantity of sand: 40g/m³.

Minimum recommended level on suction: 1 metre.



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TECHNICAL DATA - S6 Direct Starting

MODEL	HYDRAULIC PART CODE DIRECT STARTING	MOTOR CODE 3 x 400 V ~ DIRECT STARTING	ELECTRICAL DATA			DNM GAS	WEIGHT KG	H MM
			P2 NOMINAL		In (A)			
			KW	HP				
S6 B9	104068000	0605500	4	5,5	10,6	3"	33	1208
S6 B12	104068010	0607500	5,5	7,5	14	3"	41	1435
S6 B15	104068020	0610000	7,5	10	18	3"	65	1542
S6 B18	104068030	0612500	9,2	12,5	22	3"	72	1686
S6 B21	104068040	0612500	9,2	12,5	22	3"	75	1799
S6 B24	104068050	0615000	11	15	25,5	3"	81	1973
S6 B28	104068060	0620000	13	17,5	34,5	3"	96	2312
S6 D6	104068200	0605500	3,7	5	10,6	3"	30	1056
S6 D7	104068210	0607500	5,5	7,5	14	3"	37	1246
S6 D8	104068220	0607500	5,5	7,5	14	3"	38	1284
S6 D9	104068230	0607500	5,5	7,5	14	3"	39	1322
S6 D12	104068240	0610000	7,5	10	18	3"	64	1428
S6 D15	104068250	0612500	9,2	12,5	22	3"	70	1572
S6 D18	104068260	0615000	11	15	25,5	3"	77	1746
S6 D21	104068270	0620000	13	17,5	33,4	3"	91	1994
S6 D24	104068280	0620000	15	20	33,4	3"	99	2168
S6 D30	104068290	0625000	18,5	25	41	3"	115	2559
S6 F4	104068400	0605500	4	5	10,6	3"	30	1056
S6 F6	104068410	0607500	5,5	7,5	14	3"	33	1322
S6 F8	104068420	0610000	7,5	10	18	3"	63	1428
S6 F10	104068430	0612500	9,2	12,5	22	3"	70	1572
S6 F12	104068440	0615000	11	15	25,5	3"	76	1746
S6 F14	104068450	0620000	13	17,5	33,4	3"	90	1994
S6 F16	104068460	0620000	15	20	33,4	3"	97	2168
S6 F20	104068470	0625000	18,5	25	41	3"	114	2559
S6 F24	104068480	0630000	22	30	47	3"	128	2895
S6 H3	104068600	0605500	4	5,5	10,6	3"	30	1046
S6 H4	104068610	0607500	5,5	7,5	14	3"	36	1219
S6 H5	104068620	0610000	7,5	10	18	3"	60	1272
S6 H6	104068630	0612500	9,2	12,5	22	3"	66	1362
S6 H8	104068640	0615000	11	15	25,5	3"	72	1542
S6 H9	104068650	0620000	13	17,5	33,4	3"	85	1737
S6 H10	104068660	0620000	15	20	33,4	3"	92	1857
S6 H12	104068670	0625000	18,5	25	41	3"	106	2087

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MODEL	HYDRAULIC PART CODE DIRECT STARTING	MOTOR CODE 3 x 400 V ~ DIRECT STARTING	ELECTRICAL DATA			DNM GAS	WEIGHT KG	H MM
			P2 NOMINAL		In (A)			
			KW	HP				
S6 H15	104068680	0630000	22	30	47	3"	119	2377
S6 H18	104068690	0640000	26	35	61,5	3"	137	2729
S6 H20	104068700	0640000	30	40	61,5	3"	150	2959
S6 L3	104068800	0607500	5,5	7,5	14	3"	28	1160
S6 L4	104068810	0610000	7,5	10	18	3"	30	1212
S6 L5	104068820	0612500	9,2	12,5	22	3"	59	1302
S6 L6	104068830	0615000	11	15	25,5	3"	65	1422
S6 L8	104068840	0620000	13	17,5	33,4	3"	71	1677
S6 L9	104068850	0620000	15	20	33,4	3"	91	1797
S6 L10	104068860	0625000	18,5	25	41	3"	104	1967
S6 L12	104068870	0630000	22	30	47	3"	116	2197
S6 L15	104068880	0640000	26	35	61,5	3"	134	2497
S6 L18	104068890	0640000	30	40	61,5	3"	147	2839

TECHNICAL DATA - S6 Star / Delta Starting

MODEL	HYDRAULIC PART CODE Λ/Δ STARTING	MOTOR CODE 3 x 400 V ~ Λ/Δ STARTING	ELECTRICAL DATA			DNM GAS	WEIGHT KG	H MM
			P2 NOMINAL		In (A)			
			KW	HP				
S6 B9	104067000	0605620	4	5,5	10,6	3"	33	1208
S6 B12	104067010	0607510	5,5	7,5	14	3"	41	1435
S6 B15	104067020	0611750	7,5	10	18	3"	65	1542
S6 B18	104067030	0614000	9,2	12,5	22	3"	72	1686
S6 B21	104067040	0614000	9,2	12,5	22	3"	75	1799
S6 B24	104067050	0617500	11	15	25,5	3"	81	1973
S6 B28	104067060	0622500	13	17,5	34,5	3"	96	2312
S6 D6	104067200	0605620	3,7	5	10,6	3"	30	1056
S6 D7	104067210	0607510	5,5	7,5	14	3"	37	1246
S6 D8	104067220	0607510	5,5	7,5	14	3"	38	1284
S6 D9	104067230	0607510	5,5	7,5	14	3"	39	1322
S6 D12	104067240	0611750	7,5	10	18	3"	64	1428
S6 D15	104067250	0614000	9,2	12,5	22	3"	70	1572
S6 D18	104067260	0617500	11	15	25,5	3"	77	1746
S6 D21	104067270	0622500	13	17,5	33,4	3"	91	1994
S6 D24	104067280	0622500	15	20	33,4	3"	99	2168
S6 D30	104067290	0627500	18,5	25	41	3"	115	2559
S6 F4	104067400	0605620	4	5	10,6	3"	30	1056
S6 F6	104067410	0607510	5,5	7,5	14	3"	33	1322
S6 F8	104067420	0611750	7,5	10	18	3"	63	1428
S6 F10	104067430	0614000	9,2	12,5	22	3"	70	1572
S6 F12	104067440	0617500	11	15	25,5	3"	76	1746
S6 F14	104067450	0622500	13	17,5	33,4	3"	90	1994
S6 F16	104067460	0622500	15	20	33,4	3"	97	2168
S6 F20	104067470	0627500	18,5	25	41	3"	114	2559
S6 F24	104067480	0632400	22	30	47	3"	128	2895
S6 H3	104067600	0605620	4	5,5	10,6	3"	30	1046
S6 H4	104067610	0607510	5,5	7,5	14	3"	36	1219
S6 H5	104067620	0611750	7,5	10	18	3"	60	1272
S6 H6	104067630	0614000	9,2	12,5	22	3"	66	1362
S6 H8	104067640	0617500	11	15	25,5	3"	72	1542
S6 H9	104067650	0622500	13	17,5	33,4	3"	85	1737
S6 H10	104067660	0622500	15	20	33,4	3"	92	1857
S6 H12	104067670	0627500	18,5	25	41	3"	106	2087

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MODEL	HYDRAULIC PART CODE Λ/Δ STARTING	MOTOR CODE 3 x 400 V ~ Λ/Δ STARTING
S6 H15	104067680	0632400
S6 H18	104067690	0642500
S6 H20	104067700	0642500
S6 L3	104067800	0607510
S6 L4	104067810	0611750
S6 L5	104067820	0614000
S6 L6	104067830	0617500
S6 L8	104067840	0622500
S6 L9	104067850	0622500
S6 L10	104067860	0627500
S6 L12	104067870	0632400
S6 L15	104067880	0642500
S6 L18	104067890	0642500

ELECTRICAL DATA			DNM GAS	WEIGHT KG	H MM
P2 NOMINAL		In (A)			
KW	HP				
22	30	47	3"	119	2377
26	35	61,5	3"	137	2729
30	40	61,5	3"	150	2959
5,5	7,5	14	3"	28	1160
7,5	10	18	3"	30	1212
9,2	12,5	22	3"	59	1302
11	15	25,5	3"	65	1422
13	17,5	33,4	3"	71	1677
15	20	33,4	3"	91	1797
18,5	25	41	3"	104	1967
22	30	47	3"	116	2197
26	35	61,5	3"	134	2497
30	40	61,5	3"	147	2839

TECHNICAL DATA - S6 Hydraulic part

MODEL	HYDRAULIC PART CODE DIRECT STARTING	HYDRAULIC PART CODE Λ/Δ STARTING
S6 B9	104068000	104067000
S6 B12	104068010	104067010
S6 B15	104068020	104067020
S6 B18	104068030	104067030
S6 B21	104068040	104067040
S6 B24	104068050	104067050
S6 B28	104068060	104067060
S6 D6	104068200	104067200
S6 D7	104068210	104067210
S6 D8	104068220	104067220
S6 D9	104068230	104067230
S6 D12	104068240	104067240
S6 D15	104068250	104067250
S6 D18	104068260	104067260
S6 D21	104068270	104067270
S6 D24	104068280	104067280
S6 D30	104068290	104067290
S6 F4	104068400	104067400
S6 F6	104068410	104067410
S6 F8	104068420	104067420
S6 F10	104068430	104067430
S6 F12	104068440	104067440
S6 F14	104068450	104067450
S6 F16	104068460	104067460
S6 F20	104068470	104067470
S6 F24	104068480	104067480
S6 H3	104068600	104067600
S6 H4	104068610	104067610
S6 H5	104068620	104067620
S6 H6	104068630	104067630
S6 H8	104068640	104067640
S6 H9	104068650	104067650
S6 H10	104068660	104067660
S6 H12	104068670	104067670
S6 H15	104068680	104067680
S6 H18	104068690	104067690
S6 H20	104068700	104067700
S6 L3	104068800	104067800
S6 L4	104068810	104067810
S6 L5	104068820	104067820
S6 L6	104068830	104067830
S6 L8	104068840	104067840
S6 L9	104068850	104067850
S6 L10	104068860	104067860
S6 L12	104068870	104067870
S6 L15	104068880	104067880
S6 L18	104068890	104067890

MOTOR P2 NOMINAL		DNM GAS
KW	HP	
4	5,5	3"
5,5	7,5	3"
7,5	10	3"
9,2	12,5	3"
9,2	12,5	3"
11	15	3"
13	17,5	3"
3,7	5	3"
5,5	7,5	3"
5,5	7,5	3"
5,5	7,5	3"
7,5	10	3"
9,2	12,5	3"
11	15	3"
13	17,5	3"
15	20	3"
18,5	25	3"
4	5	3"
5,5	7,5	3"
7,5	10	3"
9,2	12,5	3"
11	15	3"
13	17,5	3"
15	20	3"
18,5	25	3"
22	30	3"
4	5,5	3"
5,5	7,5	3"
7,5	10	3"
9,2	12,5	3"
11	15	3"
13	17,5	3"
15	20	3"
18,5	25	3"
22	30	3"
26	35	3"
30	40	3"
5,5	7,5	3"
7,5	10	3"
9,2	12,5	3"
11	15	3"
13	17,5	3"
15	20	3"
18,5	25	3"
22	30	3"
26	35	3"
30	40	3"