

"SL"



Sealand Electric Pumps South Africa

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SUBMERSIBLE PUMPS FOR 4" WELLS IN STAINLESS STEEL

The 4" submersible pumps of the series "SL" have been designed to be installed in 4" wells (100mm) and to pump clean water or water with the slight presence of sand (180 g/m² max.), without suspended solids.

Temperatures not higher than 35 °C for domestic use (CEI EN 60335-2-41) or 40 °C for other use.

Thanks to the innovative floating impellers, besides that the blockage problems caused by the presence of sand are reduced, also the axial thrust is remarkably reduced granting a longer life to the motor. Further the particular construction of the non-return valve integrated in the upper head protects the impellers and diffusers from the weight of the column and eventual water hammers.

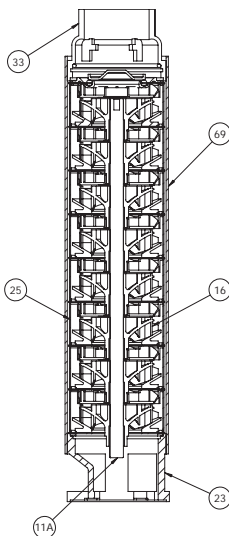
TECHNICAL FEATURES

- Upper head of the pump: in precision-cast stainless steel Aisi 304
- Suction flange: in precision-cast stainless steel Aisi 304
- Check valve: in stainless steel Aisi 304
- Pump shaft: in stainless steel Aisi 304
- Outside sleeve: in stainless steel Aisi 304
- Diffusers: Techno-polymer
- Impellers: Techno-polymer



SPARE PARTS LIST

NOMENCLATURA REPUESTOS



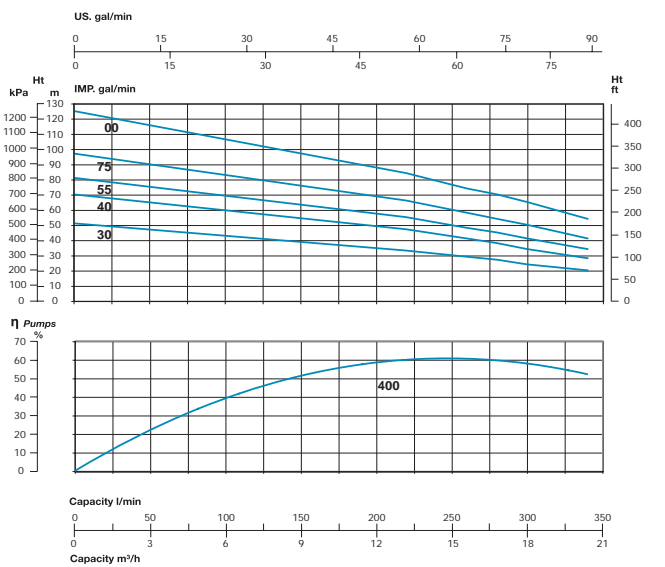
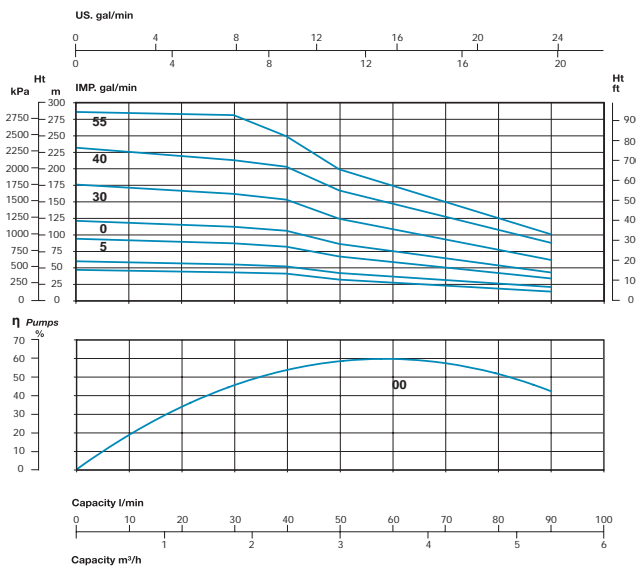
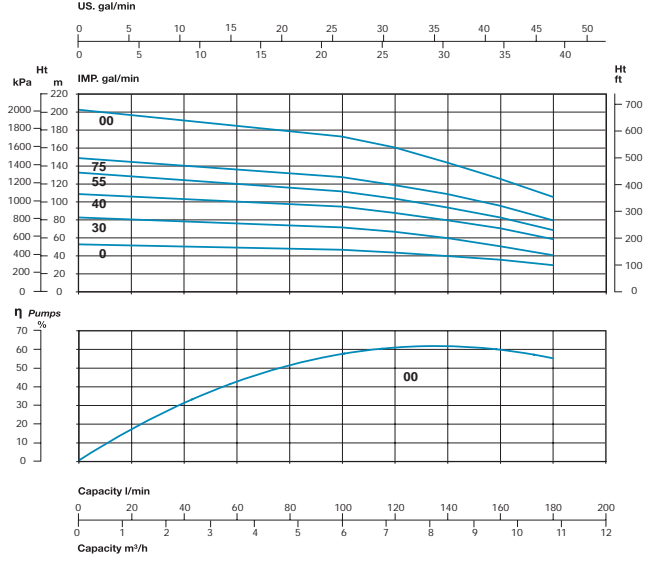
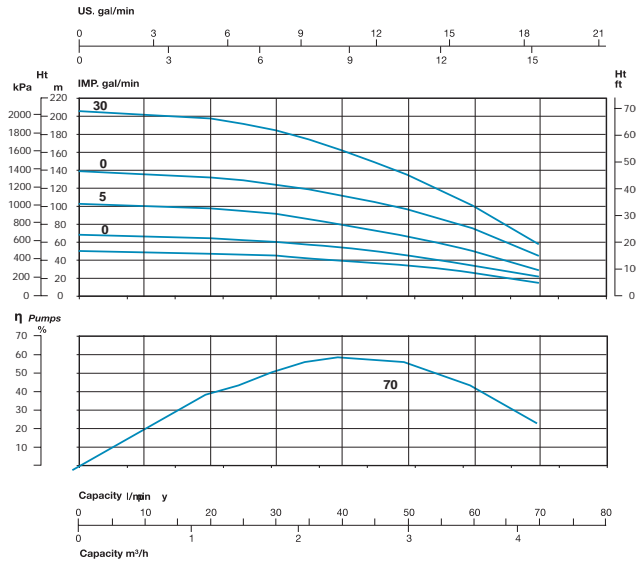
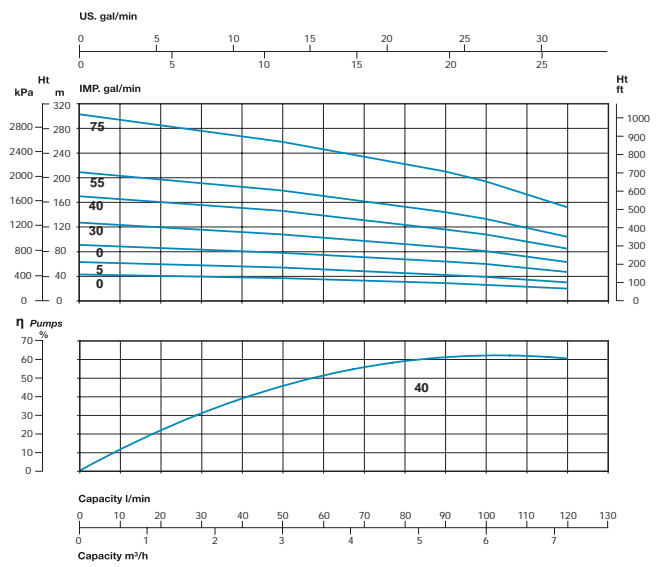
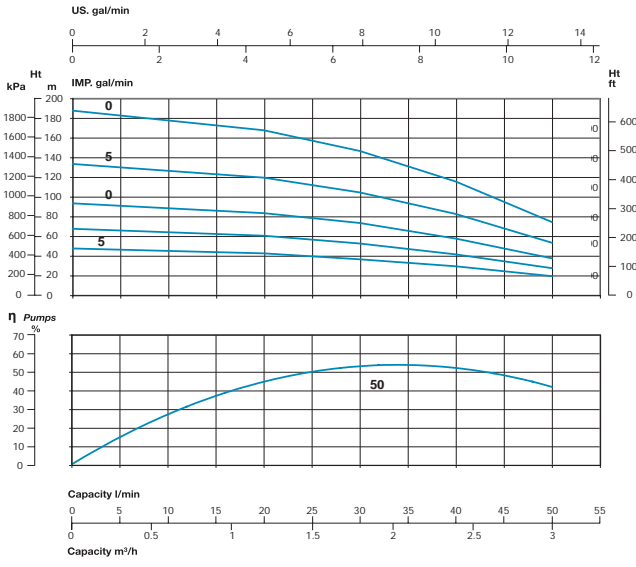
- 11A Pump shaft
- 16 Impeller
- 23 Suction flange body
- 25 Diffuser
- 33 Outlet flange
- 69 Cover

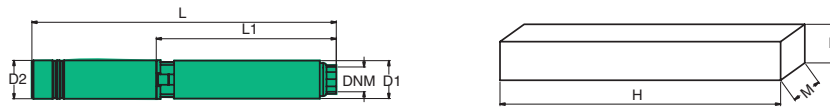
50 Hz

TYPE	Nominal power		Capacity																
			Q [m ³ /h]	0	1,2	1,8	2,4	3	5,4	6	7,2	8,4	9,6	10,8	13,2	15,6	16,8	18	20,4
			Q [l/s]	0	20	30	40	50	90	100	120	140	160	180	220	260	280	300	340
			Total head (m W.C.)																
a	kW	HP	H [m]																
SL 50 - 05	0,37	0,5	47	42	36	29	19												
SL 50 - 08	0,55	0,75	67	60	52	41	27												
SL 50 - 10	0,74	1	93	83	73	57	37												
SL 50 - 15	1,1	1,5	133	119	104	82	53												
SL 50 - 20	1,47	2	187	167	146	115	74												
SL 70 - 08	0,55	0,75	54	51	49	43	38												
SL 70 - 10	0,74	1	72	68	64	58	49												
SL 70 - 15	1,1	1,5	106	101	95	83	70												
SL 70 - 20	1,47	2	142	135	127	115	100												
SL 70 - 30	2,2	3	206	200	187	165	138												
SL 100 - 08	0,55	0,75	46		42	40	31	13											
SL 100 - 10	0,74	1	59		54	51	41	20											
SL 100 - 15	1,1	1,5	93		86	81	66	33											
SL 100 - 20	1,47	2	120		111	105	85	42											
SL 100 - 30	2,2	3	175		161	152	123	61											
SL 100 - 40	3	4	231		212	202	166	87											
SL 100 - 55	4	5,5	285		280	248	198	100											
SL 140 - 10	0,74	1	42				36	28	25	19									
SL 140 - 15	1,1	1,5	62				53	41	38	29									
SL 140 - 20	1,47	2	90				77	63	59	46									
SL 140 - 30	2,2	3	126				107	86	80	62									
SL 140 - 40	3	4	169				145	115	107	84									
SL 140 - 55	4	5,5	208				178	143	132	103									
SL 140 - 75	5,5	7,5	302				257	209	193	151									
SL 200 - 20	1,47	2	52						46	43	39	35	29						
SL 200 - 30	2,2	3	82						71	66	59	50	40						
SL 200 - 40	3	4	108						94	87	79	70	58						
SL 200 - 55	4	5,5	132						111	103	93	82	68						
SL 200 - 75	5,5	7,5	148						127	118	108	95	79						
SL 200 - 100	7,5	10	202						172	160	143	125	105						
SL 400 - 30	2,2	3	51											33	29	27	24	20	
SL 400 - 40	3	4	70											47	41	38	34	28	
SL 400 - 55	4	5,5	81											55	48	45	41	34	
SL 400 - 75	5,5	7,5	97											66	58	54	50	41	
SL 400 - 100	7,5	10	125											84	74	70	65	54	

min⁻¹ ~ 2900

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TYPE	DIMENSIONS [mm]				PACKING [mm]		WEIGHT [kg]	
	L1	L	D1	DNM	H	M	Pompa	Totale
SL 50 - 05	290	615	98	1" 1/4	665	160	2,9	9,9
SL 50 - 08	332	657	98	1" 1/4	707	160	3,5	11,1
SL 50 - 10	402	752	98	1" 1/4	802	160	4,2	12,9
SL 50 - 15	507	902	98	1" 1/4	952	160	5,3	15,6
SL 50 - 20	580	1000	98	1" 1/4	1050	160	7,1	19,1
SL 70 - 08	283	608	98	1" 1/4	658	160	2,8	10,4
SL 70 - 10	342	692	98	1" 1/4	742	160	3,4	12,1
SL 70 - 15	430	825	98	1" 1/4	875	160	4,2	14,5
SL 70 - 20	519	939	98	1" 1/4	989	160	5	17
SL 70 - 30	749	1219	98	1" 1/4	1269	160	7,1	21,3
SL 100 - 08	301	626	98	1" 1/4	676	160	3	10,6
SL 100 - 10	344	694	98	1" 1/4	744	160	3,3	12
SL 100 - 15	452	847	98	1" 1/4	897	160	4,1	14,4
SL 100 - 20	538	958	98	1" 1/4	1008	160	4,7	16,7
SL 100 - 30	757	1227	98	1" 1/4	1277	160	6,2	20,4
SL 100 - 40	934	1478	98	1" 1/4	1528	160	7,9	23,4
SL 100 - 55	1128	1702	98	1" 1/4	1752	160	9,3	24,8
SL 140 - 10	390	740	98	2"	790	160	3,7	12,4
SL 140 - 15	483	878	98	2"	928	160	4,6	14,9
SL 140 - 20	607	1027	98	2"	1077	160	5,7	17,7
SL 140 - 30	831	1301	98	2"	1351	160	7,5	21,7
SL 140 - 40	1048	1592	98	2"	1642	160	9,8	28,8
SL 140 - 55	1318	1892	98	2"	1942	160	12,2	32,2
SL 140 - 75	1802	2446	98	2"	2496	160	15,9	38,3
SL 200 - 20	418	838	98	2"	888	160	4	16
SL 200 - 30	573	1043	98	2"	1093	160	5,5	19,7
SL 200 - 40	697	1241	98	2"	1291	160	6,6	25,6
SL 200 - 55	859	1433	98	2"	1483	160	7,8	27,8
SL 200 - 75	921	1565	98	2"	1615	160	8,4	30,8
SL 200 - 100	1236	2041	98	2"	2091	160	11	38
SL 400 - 30	675	1145	98	2"	1195	160	6,3	20,5
SL 400 - 40	880	1424	98	2"	1474	160	8,1	27,1
SL 400 - 55	1013	1587	98	2"	1637	160	9,3	29,3
SL 400 - 75	1149	1793	98	2"	1843	160	10,6	33
SL 400 - 100	1489	2294	98	2"	2344	160	13,5	40,5