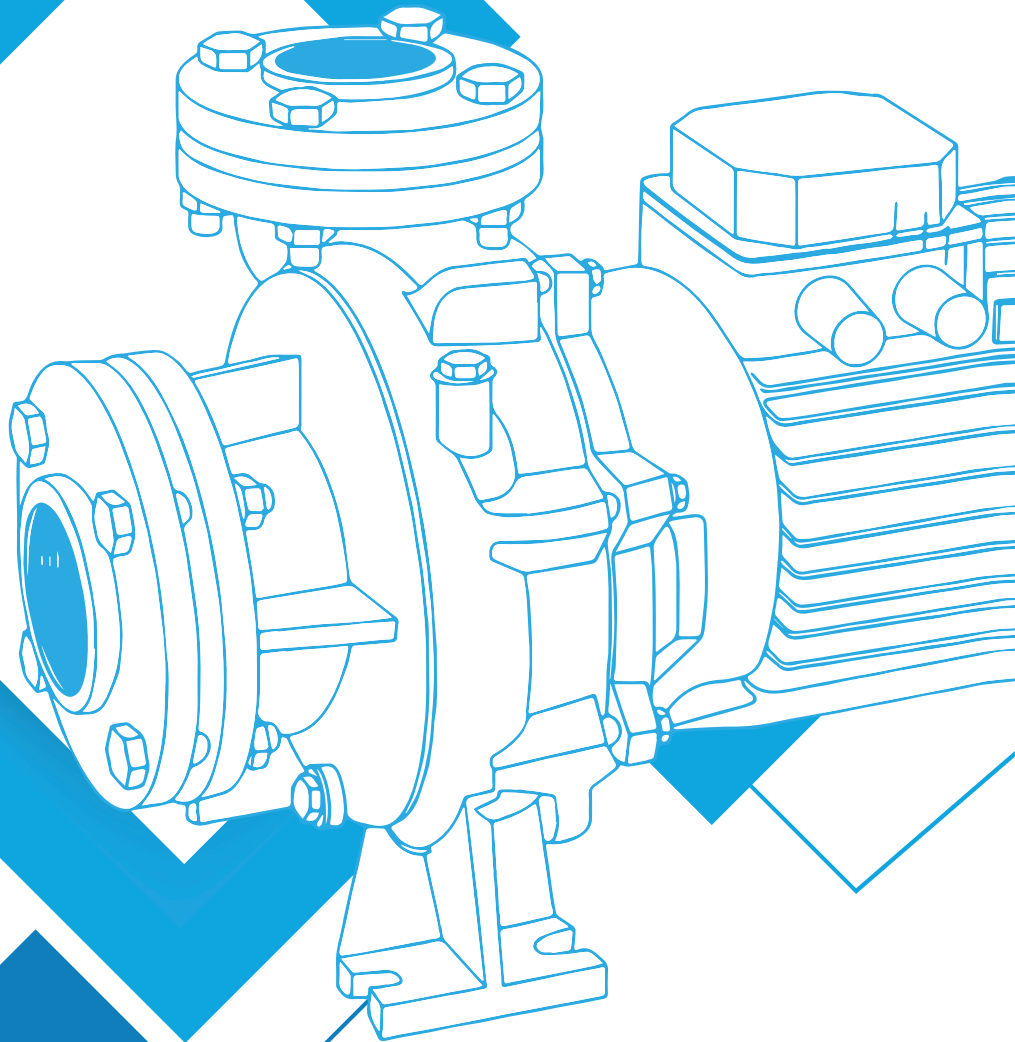




SAER[®]
ELETTROPOMPE





M Series

APPLICATION

General water supply, pressurization of water by using pressure vessels (autoclaves), horticultural irrigation, mist irrigation, dairy and farm applications, water transfer and garden watering applications.

PUMP CONSTRUCTION

Pump body in AISI 304 stainless steel. Impeller/diffuser in thermoplastic resin, on request in s/s, seal retaining disc in AISI 304 stainless steel. Mechanical seal in graphite/ceramic, Rotor shaft fitted with seal for life bearings, Motor Insulation Class: F, Ingrease Protection: IP44, Starting Method: DOL

MATERIALS-STANDARD VERSION

Impeller: Thermo Plastic Resin
 Diffuser: Thermo Plastic Resin
 Shaft: Stainless Steel AISI-420
 Pump Body: Stainless Steel AISI-420
 Shaft Sealing : Mechanical Seal

OPERATION DATA

Flow Rate: 0.6 M3/hr. (min) up to 10 M3/hr. (Max)
 Head: 16 Meter (Min) up to 60 Meter (Max)
 Use For mechanically and chemically non-aggressive fluids.
 Temperature of the pumped liquid: from -15°C up to +50°C
 Max operation pressure (max allowed pressure in consideration of the sum of max. suction pressure and of the head with null flow rate): 6 bar

INSTALLATION

Upon installation always prime the pump body before first start up. Pump must be installed with the motor shaft in the horizontal position

2900 RPM

Model	Power		Phase	S/D- size (mm)	Starting Method SD/DOL	2900 RPM																		
	Kw	HP				Q-USGPM	0	2.6	5.3	6.6	7.9	10.5	13.2	14.5	15.8	17.7	22	26.4	30.9	35.2	39.6	42.2	44	
						Q-M ³ /hr.	0	0.6	1.2	1.5	1.8	2.4	3	3.3	3.6	4	5	6	7	8	9	9.6	10	
M99	0.75Kw/1HP	Single	25/25	DOL	H-Meter	48	44	39	37	35	31	28	27	25										
M700-B	1.5Kw/2HP	Single	38/32	DOL	H-Meter	52	50	48	46	45	43.5	41	40	39	38	34	31.5	29	27	25	24	16		
M700-A	2.2Kw/3HP	Three	38/32	DOL	H-Meter	63	60	57.5	56	55	53	50	49.5	49	47	43	40	36	33.5	31	28	16		



MC Series

APPLICATION

General water supply, pressurization of water by using pressure vessels (autoclaves), horticultural irrigation, mist irrigation, dairy and farm applications, water transfer and garden watering applications..

PUMP CONSTRUCTION

Pump body in cast iron. Mechanical seal in graphite/ceramic, Rotor shaft fitted with seal for life bearings. Motor Insulation Class: F, Ingrease Protection: IP44, Starting Method: DOL

MATERIALS-STANDARD VERSION

Impeller: Thermo Plastic Resin/Brass
 Diffuser: Thermo Plastic Resin
 Shaft: Stainless Steel AISI-420B
 Pump Body: Cast iron G-20
 Shaft Sealing : Mechanical Seal

OPERATION DATA

Flow Rate: 0.6 M3/hr. (min) up to 10 M3/hr. (Max)
 Head: 3.6 Meter (Min) up to 84 Meter (Max)
 Use For mechanically and chemically non-aggressive fluids.
 Temperature of the pumped liquid: from -15°C up to +50°C
 Max operation pressure (max allowed pressure in consideration of the sum of max. suction pressure and of the head with null flow rate): 8 bar

INSTALLATION

Upon installation always prime the pump body before first start up. Pump must be installed with the motor shaft in the horizontal position.

2900 RPM

Model	Power		Phase	S/D- size (mm)	Starting Method	Q (m³/hr)																			
	Kw	HP				SD/DOL	Q-USGPM	0	2.6	3.9	5.3	6.6	7.9	8.8	10.5	11.8	13.2	15.9	17.7	22	26.4	30.9	35.2	39.6	42.2
M80	0.75Kw/1HP	Single	25/25	DOL		0	0.6	0.9	1.2	1.5	1.8	2	2.4	2.7	3	3.6	4	5	6	7	8	9	9.6	10	
MC300-C	1.1Kw/1.5HP	Single	38/32	DOL	H-Meter	0	10	15	20	25	30	33	40	45	50	60	67	83	100	177	133	150	160	167	
MC300-B	1.5Kw/2HP	Single	38/32	DOL		55	52	49	45	43	38	36.5	32	30	25										
MC300-A	2.2Kw/3HP	Three	38/32	DOL		48	45	43.5	42	40.5	39	38	37	36	35	32.5	31	27.5	25	22	24	16			
						60	56	54	53	51.3	49.5	48.5	47	45	44	42	40	36	33	28	28	16			





NCBK Series

APPLICATION

Recirculating plants, heating, air conditioning, heat recovery, plants of water supply procurement, pressurising units and fire-fighting systems

CONSTRUCTION FEATURES

NCBK: bareshaft end-suction centrifugal pumps with dimensions exceeding EN733 standard, to be coupled with electric or engine motor. The motor unit and the rotating part of the pump can be taken away without removing the pump body from the system piping. Shaft material: Stainless steel AISI630 (1.4542), Motor Insulation Class: F, Ingrease Protection: IP55, Starting Method: Star-Delta

MATERIALS-STANDARD VERSION

Impeller: Cast Iron/Stainless Steel AISI-316
 Diffuser: Cast Iron/ Stainless Steel AISI-316
 Shaft: Stainless Steel AISI-630
 Pump Body: Cast Iron/Stainless Steel AISI-316
 Shaft Sealing : Mechanical Seal

OPERATION DATA

Flow Rate: 100 M3/hr. (min) up to 1800 M3/hr. (Max)
 Head: 7.4 Meter (Min) up to 97 Meter (Max)
 Temperature of the pumped liquid: from -15°C up to +90°C (+120°C on request)
 Max operation pressure (max allowed pressure in consideration of the sum of max. suction pressure and of the head with null flow rate): PN16
 SKD: bareshaft Split Casing Axial Centrifugal pumps with dimensions exceeding EN733 standard, to be coupled with electric or engine motor. The motor unit and the rotating part of the pump can be taken away without removing the pump body from the system piping.

1450 RPM

Model	Power		Phase	S/D- size SD/DOL	Starting Method Q-LPM	Q-USGPM	0	440	480	1100	1321	1761	1981	2200	2420	3640	2860	2900	3105	3302	3412	3522	3545							
	Kw	HP				Q-M ³ /hr.	0	100	200	250	300	400	450	500	550	600	650	700	725	750	775	800	825							
						0	1667	3333	4167	5000	6667	7500	8333	9166	10000	10833	11667	12085	12500	12915	13333	13752	12.5							
NCBZ4P200-315C	37KW	50HP	Three	250/200	SD	H-Meter	26.7	26.4	25.7	25.1	24.4	22.7	21.5	20.4	18.9	17.2	15	12.3	10.5											
NCBZ4P200-315B	45KW	60HP	Three	250/200	SD		30.9	30.5	29.7	29.9	28.6	27	25.9	24.8	23.4	21.5	19.5	17	15.8	14.5	13									
NCBZ4P200-315A	55KW	75HP	Three	250/200	SD		36.8	36.4	35.9	35.4	34.9	33.6	32.5	31.5	30	28.3	26	23.3	21.9	20.5	18.8	17	15							



NCBKZ Series



SKD Series

APPLICATION

Recirculating plants, heating, air conditioning, heat recovery, plants of water supply procurement, pressurising units and fire-fighting systems.

CONSTRUCTION FEATURES

SKD: axially split volute casing centrifugal pumps for horizontal installations, to be coupled with electric or engine motor. The motor unit and the rotating part of the pump can be taken away without removing the pump body from the system piping. Motor Insulation Class: F, Ingrease Protection: IP55 Starting Method: Star-Delta

MATERIALS-STANDARD VERSION

Impeller: Cast Iron/Nickel Aluminium Bronze
 Diffuser: Cast Iron/Nickel Aluminium Bronze
 Shaft: Stainless Steel AISI-431
 Pump Body: Cast Iron/Nickel Aluminium Bronze
 Shaft Sealing : Mechanical Seal/ Soft Gland Packing

OPERATION DATA

Flow Rate: 125 M3/hr. (min) up to 4000 M3/hr. (Max)
 Head: 17 Meter (Min) up to 280 Meter (Max)
 Temperature of the pumped liquid: from -15°C up to +90°C (+120°C on request)
 Max operation pressure (max allowed pressure in consideration of the sum of max. suction pressure and of the head with null flow rate): PN16
 NCBK: bareshaft end-suction centrifugal pumps with dimensions exceeding EN733 standard, to be coupled with electric or engine motor. The motor unit and the rotating part of the pump can be taken away without removing the pump body from the system piping.

1450 RPM

Model	Power		Phase	S/D- size (mm)	Starting Method	Performance Data															
	Kw	HP				Q-USGPM	0	551	1500	772	1654	882	2160	1764	4850	1764	4850				
						Q-M ³ /hr.	0	125 (Min)	340(Max)	175 (Min)	375(Max)	200 (Min)	490(Max)	400 (Min)	1100(Max)	400 (Min)	1100(Max)				
						Q-LPM	0	2083	5666	2916	6250	3333.3	8167	6667	18333.3	6667	18333.3				
SKD125-270	30KW/40HP	Three	200/125	SD	H-Meter			26	17												
SKD125-335	37KW/50HP	Three	200/125	SD						40	24										
SKD150-400	75KW/100HP	Three	200/150	SD								58	38								
SKD200-315	90KW/120HP	Three	300/200	SD										35	20						
SKD200-400	160KW/215HP	Three	250/200	SD													52	40			

2900 RPM

Model	Power		Phase	S/D- size (mm)	Starting Method	Performance Data															
	Kw	HP				Q-USGPM	0	1102	2976	1543	3306										
						Q-M ³ /hr.	0	250(Min)	675(Max)	350 (Min)	750(Max)										
						Q-LPM	0	4167	11250	5833	12500										
SKD125-270	200KW/268HP	Three	200/125	SD	H-Meter			102	68												
SKD125-335	315KW/422HP	Three	315/422	SD							160	94									

960 RPM

Model	Power		Phase	S/D- size (mm)	Starting Method	Performance Data															
	Kw	HP				Q-USGPM	0	1102	2976												
						Q-M ³ /hr.	0	250(Min)	675(Max)												
						Q-LPM	0	4167	11250												
SKD500-550A	450KW/603HP	Three	600/500	SD	H-Meter			40	33												

740 RPM

Model	Power		Phase	S/D- size (mm)	Starting Method	Performance Data															
	Kw	HP				Q-USGPM	0	8818	17637	8818	17637										
						Q-M ³ /hr.	0	2000(Min)	4000(Max)	2000(Min)	4000(Max)										
						Q-LPM	0	33333	66667	33333	66667										
SKD500-550A	200KW/268HP	Three	600/500	SD	H-Meter			21	8												
SKD500-550B	200KW/268HP	Three	600/505	SD							18	6									

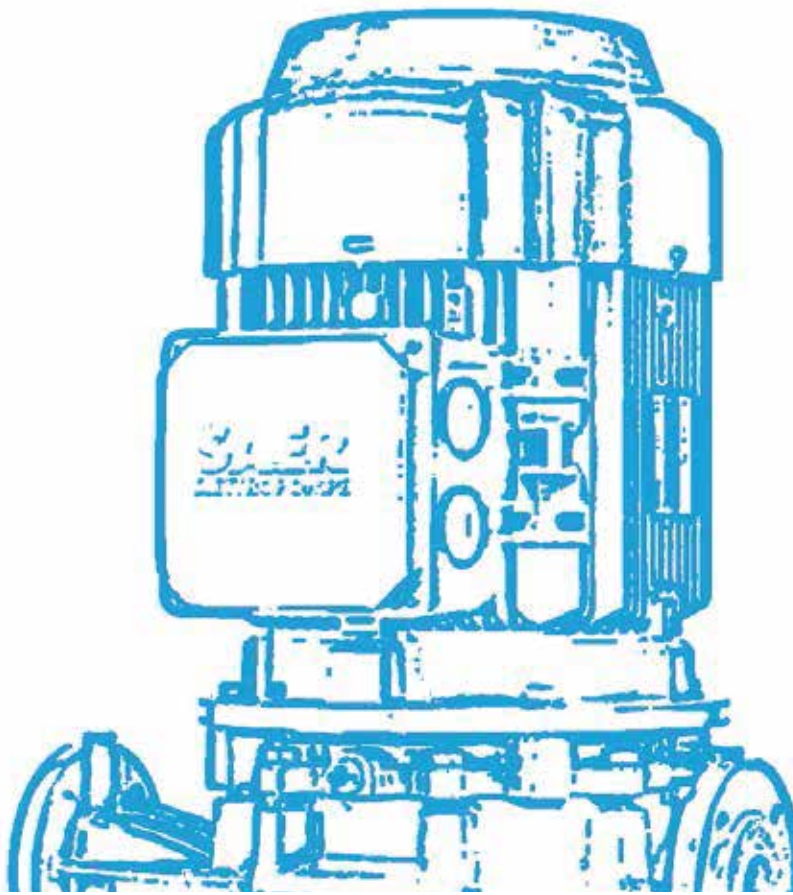
Model	Power		Phase	S/D- size (mm)	Starting Method	Q-USGPM																				
	Kw	HP					Q-M ³ /hr.																			
								Q-LPM	0	88	132	176	220	242	264	295.4	352	396	440	484	520.2	528	572	616	652.5	683.4
L-2P80-160-174	15Kw/20HP	Three	80/80	DOL			38.5	37.8	37.7	37.7	37.6	37.6	37.5	37.3	36.7	36.1	35.2	34	32.6	32.1	29.8	27				
L-2P80-200-185	18.5Kw/25HP	Three	80/80	SD	H-Meter		44.4	45.7	46	46.2	46.3	46.4	46.2	46	45.6	45.1	44.4	43.5								
L-2P80-200-195	22Kw/30HP	Three	80/80	SD			50	50.7	57.9	51.1	51.2	51.3	51.4	51.3	51.1	50.7	50.1	49.5	49.4	48.5						
L-2P80-200-212	30Kw/40HP	Three	80/80	SD			59.7	61.2	61.6	62	62.1	62.2	62.2	62.3	62.1	61.8	61.3	60.8	60.7	59.8	58.8	57.8	56.4			

Model	Power		Phase	S/D- size (mm)	Starting Method	Q-USGPM																				
	Kw	HP					Q-M ³ /hr.																			
								Q-LPM	0	66	88	198	330	440	462.9	714.2	595.2	704	880	903.8	925.9					
L-2P100-160-150	7.5Kw/10HP	Three	100/100	DOL			29.8	29.1	27.2	24.3	21	20	18.1	12												
L-2P100-200-207	30Kw/30HP	Three	100/100	SD	H-Meter		49			48.5	47.8	47.5	47	45.9	44	39.2										
L-2P100-200-215	37Kw/50HP	Three	100/100	SD			60.5			59.3	58.4	58.1	57.8	56.9	55.6	51.1	50.2	49.4								

Model	Power		Phase	S/D- size (mm)	Starting Method	Q-USGPM																				
	Kw	HP					Q-M ³ /hr.																			
								Q-LPM	0	66	88	132	220	346.1	352	374	401.2	418.8	489.4	515.8	551.1	577.6	594	608.4	660	704
L-4P80-315-290	11Kw/15HP	Three	80/80	DOL			29.4	28.4	28.4	28.2	26.1	25.8	25.3	24.7	24.1	21.6	20.5									
L-4P80-315-315	15Kw/20HP	Three	80/80	DOL	H-Meter		34.6	33.7	33.6	33.5	32.1	32	31.5	30.9	30.5	28.6	27.8	26.6	25.4	24.6	24.1					
L-4P80-315-339	18.5Kw/25HP	Three	80/80	SD			40	38.9	38.9	38.9	38	37.9	37.6	37.2	36.9	35.3	34.6	33.6	32.8	32.1	31.7	29.8	27.9			

Model	Power		Phase	S/D- size (mm)	Starting Method	Q-USGPM																				
	Kw	HP					Q-M ³ /hr.																			
								Q-LPM	0	88	110	132	220	330	440	537.9	616	683.4	748	793	837	880	903.8	970	1146.3	
L-4P100-250-269	11Kw/15HP	Three	100/100	DOL			25.6	25.3	25.1	25	24.7	24.3	23.5	22.5	21.3	20.1	18.7	17.6	16.5	15	14.4					
L-4P100-315-315	18.5Kw/25HP	Three	100/100	SD	H-Meter		33.8			33.6	33.5	33.5	33.4	32.9	32.4	31.6	30.8	30	29.4							
L-4P100-315-330	22Kw/30HP	Three	100/100	SD			37.2			36.9	36.9	36.8	36.7	36.4	35.9	35.4	34.4	34.1	33.4	32.8	32.4	31.2				
L-4P100-315-339	30Kw/40HP	Three	100/100	SD			39.2			38.9	38.9	38.9	38.8	38.6	38.1	37.7	37.1	36.5	36	35.4	35.1	34	30.5			

Model	Power		Phase	S/D- size (mm)	Starting Method	Q-USGPM																				
	Kw	HP					Q-M ³ /hr.																			
								Q-LPM	0	704	880	1100	1320	1540	1760	1981	2200	2420	2640	2860	2900	3350.9	3522			
L-4P150-400-365	55Kw/75HP	Three	150/150	SD			44.5	43.5	43	42	40	38	35.5	33	30	26.5	21.5	15.5								
L-4P150-400-395	75Kw/100HP	Three	150/150	SD	H-Meter		52	51	50.5	50	49	47	45	43	40.5	37.5	34	30.5	26	18						
L-4P150-400-419	90Kw/125HP	Three	150/150	SD			59	57.5	56.5	55.5	54.5	53	51	48.5	46	43	40	36.5	32.5	28						





OP Series

APPLICATION

Supply of clean water and non-aggressive chemical liquids. OP pumps are suitable for domestic use, for water automatic distribution by using small-middle pressurertanks, for gardening, irrigation, water supply from wells. Furthermore, thanks to the the high head, OP pumps can be used as pilot pump for pressurization units.

CONSTRUCTION FEATURES

Horizontal centrifugal multistage electric pump, non self-priming
 Motor Insulation Class: F, Ingrease Protection: IP55
 Starting Method:DOL/Star-Delta

MATERIALS-STANDARD VERSION

Impeller: Stainless Steel 304 / Stainless Steel 316
 Diffuser: Stainless Steel 316/Stainless Steel 304
 Shaft: Stainless Steel AISI-431
 Pump Body: Stainless Steel 316/304
 Shaft Sealing : Mechanical Seal
 Delivery Casing: Cast Iron/ Stainless Steel 316
 Suction Casing : Cast Iron/ Stainless Steel 316

OPERATION DATA

Flow Rate: 1 M3/hr. (min) up to 40 M3/hr. (Max)
 Head: 5 Meter (Min) up to 147 Meter (Max)
 Temperature of the pumped liquid : from -15°C to +90°C
 Max operation pressure (max allowed pressure in consideration of the sum of max. suction pressure and of the head with null flow rate):13 bar with temperature of the pumped liquid up to 45°C, 6 bar with temperature of the pumped liquid from 45°C up to 90°C

2900 RPM

Model	Power		Phase	S/D- size (mm)	Starting Method SD/DOL	Q-USGPM	2900 RPM																							
	Kw	HP				0	4.4	8.8	13.2	17.6	18	26.4	26.5	30.8	31	35	40	44	48.5	53	57.5	62	66	70	88	105.6	110	132	154	176
						Q-M ³ /hr	0	1	2	3	4	4	6	6	7	7	8	9	10	11	12	13	14	15	16	20	24	25	30	35
OP32/6	1.1Kw/1.5HP	Single	32/25	DOL	H-Meter	55.5	52.5	49.5	46.5	43.5	34.5	28.5	21																	
OP32/8	1.5Kw/2HP	Three	32/25	DOL		73	69.5	66	62	57	44	36	26.5																	
OP32/11	2.2Kw/3HP	Three	32/25	DOL		101	96	91	85	78	62	51.5	37.5																	
OP40/6	2.2Kw/3HP	Three	38/38	DOL		64.5				58.5		52.5	44	33.5	30	22.5	15													
OP50/4	4Kw/5.5HP	Three	50/50	DOL		73					69	68	67	64.5		57	46	30												
OP50/5	5.5Kw/7.5HP	Three	50/50	DOL		92					87	86	84	81		71.5	57	38												
OP50/7	7.5Kw/10HP	Three	50/50	DOL		129					121	120	117	113		100	80	52												
OP65/5	9.2Kw/12.5HP	Three	65/65	DOL		135							123			115	108	95	80	60	43									
OP65/6	11Kw/15HP	Three	65/65	DOL		162								147		138	129	114	96	72										
51FC30-2B	5.5Kw/7.5HP	Three	38/32	DOL		89			86	84	82	80	78	76	74	69	62	56												
FC30-2A	7.5Kw/10HP	Three	38/32	DOL		96			93	91	88	87	85	83	77	72	66	58												



S/NR Series

APPLICATION

Suitable for lifting, pressurising and distribution in civil and industrial installations, autoclave and cistern inlets, washing plants, irrigation systems.

CONSTRUCTION FEATURES

Complete Unit of Pump with Electric Motor
 Impeller: Semi axial /Radial impeller
 Outlet complete with non return valve.
 Pump equipped with counter trust ring in anti-wear resin. Diffuser complete with wear ring in anti-wear rubber with metallic shell.
 Driving bushings in anti-wear rubber.
 Components realized with particular materials which assure an high wear resistance.
 Motor Insulation Class: B/Y Ingrease Protection: IP68, Starting Method: DOL/ Star-Delta Starting

MATERIALS-STANDARD VERSION

Impeller: Cast Iron/ Polycarbonate Loaded with Fiber Glass/ Stainless Steel AISI-316/ Bronze
 Diffuser: Cast Iron/ Polycarbonate Loaded with Fiber Glass/ Stainless Steel AISI-316 / Bronze
 Shaft: Stainless Steel AISI-431
 Outlet: Cast Iron/Stainless Steel AISI-316/ Bronze
 Suction Support: Cast Iron/Stainless Steel AISI-316/ Bronze
 Cable Cover: Stainless Steel AISI 304/ 316

OPERATION DATA

Fluid: chemically and mechanically non-aggressive, without any solid substance or abrasive parts.
 Passing of solids: max 2 mm for S151 Series / 3mm for S181 series and 4mm for NR Series Submersible pump
 Temperature of the pumped liquid: min 0°C max 30°C /max 35°C
 Maximum working pressure:54 bar for NR152 Series/ 45 bar for S151 Series and 38 /85 bar for S181 & NR series Submersible Pump
 Maximum immersion depth: 300 m under liquid level.
 Direction of rotation: clockwise, looking by the outlet.

SAER S-151-A & B Series (6"-Outer Dia Semi Axial Electric Borehole Submersible Pumps)

2900 RPM

Model	Power		Phase	Out-Dia	Del- size	Starting Method	SD/DOL	Q-USGPM	0	53	66	79	92	106	119	132	145	158	185	211	238	264	291	304	317	330	343	370	396							
	Q-M ³ /hr.	0						12	15	18	21	24	27	30	33	36	42	48	54	60																
	Q-LPM	0						200	250	300	350	400	450	500	550	600	700	800	900	1000																
	SD/DOL																																			
S151A/6	11Kw/15HP	Three	152mm	D:3"	DOL			103	96	93	91	88	85	83	80	76	73	65	56	46	46															
S151A/8	15Kw/ 20HP	Three	152mm	D:3"	DOL			137	128	124	121	117	113	110	106	101	98	90	77	65	48															
S151A/9	18.5Kw/25HP	Three	152mm	D:3"	DOL	H-Meter		155	142	137	134	129	126	122	119	115	112	104	87	71	54															
S151B/7	15Kw/20HP	Three	152mm	D:3"	DOL			116					102	99	97	93	89	85	80	73	67	58	53	46												
S151B/8	18.5Kw/ 25HP	Three	152mm	D:3"	DOL			132					113	110	108	105	102	97	90	83	75	66	61	52												

SAER NR-152B /C & E Series (6"-Outer Dia Radial Electric Borehole Submersible Pumps)

2900 RPM

Model	Power		Phase	Out-Dia	Del- size	Starting Method	SD/DOL	Q-USGPM	0	35	44	53	62	70	79	88	97	106	114	123	132	141	150	167	185	198	211	229	246	264	282
	Q-M ³ /hr.	0						8	10	12	14	16	18	20	22	24	26	28	30	32	34	38	42	45	48	52	56	60	64		
	Q-LPM	0						133	167	200	233	267	300	333	367	400	433	467	500	533	567	633	700	750	800	867	933	1000	1067		
	SD/DOL																														
NR-152B/6	5.5Kw/7.5HP	Three	150	D:2.5"	DOL			102	93	90	84	78	72	63	54	45	35	24													
NR-152B/9	7.5Kw/10HP	Three	150	D:2.5"	DOL			153	140	135	126	117	107	95	81	67	52	36													
NR-152C/3	4Kw/5.5HP	Three	150	D:2.5"	DOL			47	43	41	39.5	38.5	37.5	35.5	33	31.5	29.5	27.5	22.5	17	13										
NR-152E/3	5.5Kw/7.5HP	Three	150	D:3"	DOL	H-Meter		54							45	43.5	41.5	40.5	38.5	37	35.5	33.5	30.5	27.5	26	23	19	15.5	12	7.5	
NR-152E/4	7.5Kw/10HP	Three	150	D:3"	DOL			72						60	57.5	55.5	53.5	51.5	50	47.5	45.5	41	37.5	34.5	31	26	20.5	16	10		
NR-152E/6	11Kw/15HP	Three	150	D:3"	DOL			108						90	87	84	81	78	75	71	68	62	56	52	47	39	31.2	24	15		
NR-152E/8	15Kw/20HP	Three	150	D:3"	DOL			147						120	116	112	108	104	100	95	90.4	82	75	70	62	52	42	32	20		

SAER NR-151D Series (6"-Outer Dia Radial Electric Borehole Submersible Pumps)

2900 RPM

Model	Power		Phase	Out-Dia	Del- size	Starting Method	SD/DOL	Q-USGPM	0	62	70	79	88	97	106	114	123	132	141	150															
	Q-M ³ /hr.	0						14	16	18	20	22	24	26	28	30	32	34																	
	Q-LPM	0						233	267	300	333	367	400	433	467	500	533	567																	
	SD/DOL																																		
NR-151D/10	7.5Kw/10HP	Three	150	D:2.5"	DOL	H-Meter		97	81	80	77	75	72	69	65	59	51	43	33																

SAER NR-201 Series (8"-Outer Dia Radial Electric Borehole Submersible Pumps)

2900 RPM

Model	Power		Phase	Out-Dia	Del- size	Starting Method	SD/DOL	Q-USGPM	0	53	70	97	110	123	141	158	176	198	220	247	277	308	352	396	422	476	502	528								
	Q-M ³ /hr.	0						12	16	22	25	28	32	36	40	45	50	56	63	70	80	90	96	108	114	120										
	Q-LPM	0						200	267	367	417	467	533	600	667	750	833	933	1050	1167	1333	1500	1600	1800	1900	2000										
	SD/DOL																																			
NR-201X/3	5.5Kw/7.5HP	Three	198mm	D:3"	DOL			75	69	66	63	58	52	45	36																					
NR-201X/2	4Kw/5.5HP	Three	198mm	D:3"	DOL			49.5	45.5	44	42	38	35	29	24																					
NR-201X/4	7.5Kw/10HP	Three	198mm	D:3"	DOL	H-Meter		100	92	88	84	78	70	60	48																					
NR-201B/2	9.2Kw/12.5HP	Three	198mm	D:3"	DOL			51						46	45	44	42	40	37	33	28	21														
NR-201B/3	15Kw/20HP	Three	198mm	D:3"	DOL			77						69	68	66	63	60	56	50	42	31														

SAER S-181-A Series (8" - Outer Dia Semi Axial Borehole Electric Submersible Pumps)

2900 RPM

Model	Power		Phase	Out-Dia	Del- size	Starting Method SD/DOL	Q-USGPM	0	106	132	158	185	211	264	317	370	440										
	Kw	HP					Q-M ³ /hr.	0	24	30	36	42	48	60	72	84	100										
							Q-LPM	0	400	500	600	700	800	1000	1200	1400	1667										
S181A/4A	15Kw/20HP	Three	202mm	D:5"	DOL	H-Meter	94	82	77	73	69	65	58	80	76	73											
S181A/4	18.5 Kw/ 25 HP	Three	202mm	D:5"	SD		108	96	93	89	86	82	74	66	53	98											
S181A/5	22Kw/30HP	Three	202mm	D:5"	SD		135	120	115	111	108	103	93	83	70	49											
S181A/6	26Kw/35HP	Three	202mm	D:5"	SD		162	144	139	133	129	124	116	104	85	58											
S181A/7	30Kw/40HP	Three	202mm	D:5"	SD		189	173	167	162	160	153	144	129	106	68											

SAER S-181-C & D Series (8" - Outer Dia Semi Axial Borehole Electric Submersible Pumps)

2900 RPM

Model	Power		Phase	Out-Dia	Del- size	Starting Method SD/DOL	Q-USGPM	0	220	422	476	502	528	555	581	634	705	740	793	845	898	951	1004										
	Kw	HP					Q-M ³ /hr.	0	50	96	108	114	120	126	132	144	160	168	180	192	204	216	228										
							Q-LPM	0	833	1600	1800	1900	2000	2100	2200	2400	2667	2800	3000	3200	3400	3600	3800										
S181C/4	30Kw/40HP	Three	202mm	D:5"	SD	H-Meter	109	92	79	73	71	67	64	60	52	44																	
S181C/5	37Kw/50HP	Three	202mm	D:5"	SD		139	115	99	95	91	87	84	80	71	60																	
S181C/7	55Kw/75HP	Three	202mm	D:5"	SD		189	161	137	131	127	122	118	112	99	84																	
S181D/5	52Kw/70HP	Three	202mm	D:5"	SD		140			106	103	101	98	95	92	81	78	70	61	52	41	30											
S181D/6	59Kw/80HP	Three	202mm	D:5"	SD		168			128	125	122	119	116	109	99	93	84	75	63	51	36											
S181D/7	67Kw/90HP	Three	202mm	D:5"	SD		196			152	147	144	140	136	128	115	109	99	85	73	60	42											
S181D/8	75Kw/100HP	Three	202mm	D:5"	SD		224			171	168	165	161	158	149	136	129	114	100	85	68	53											

SAER S-253- Series (10" - Outer Dia Semi Axial Borehole Electric Submersible Pumps)

2900 RPM

Model	Power		Phase	Out-Dia	Del- size	Starting Method SD/DOL	Q-USGPM	0	440	528	616	660	704	748	792	836	880	924	968										
	Kw	HP					Q-M ³ /hr.	0	100	120	140	150	160	170	180	190	200	210	220										
							Q-LPM	0	1667	2000	2333	2500	2667	2833	3000	3167	3333	3500	3667										
S253A/2A	45Kw/60HP	Three	255mm	D:6"	SD	H-Meter	97	82	79	75	74	70	67	62	57	52	49	44											
S253A/3B	52Kw/70HP	Three	255mm	D:6"	SD		123	100	96	90	85.5	80	73.5	69	60	50	42												
S253A/3A	67Kw/90HP	Three	255mm	D:6"	SD		145.5	123	118.5	112.5	111	105	100.5	93	85.5	78	73.5	66											
S253A/3	75Kw/100HP	Three	255mm	D:6"	SD		159	136.5	130.5	127.5	124.5	121.5	117	111	105	99	93	87											

SAER S-252- Series (10" - Outer Dia Semi Axial Borehole Electric Submersible Pumps)

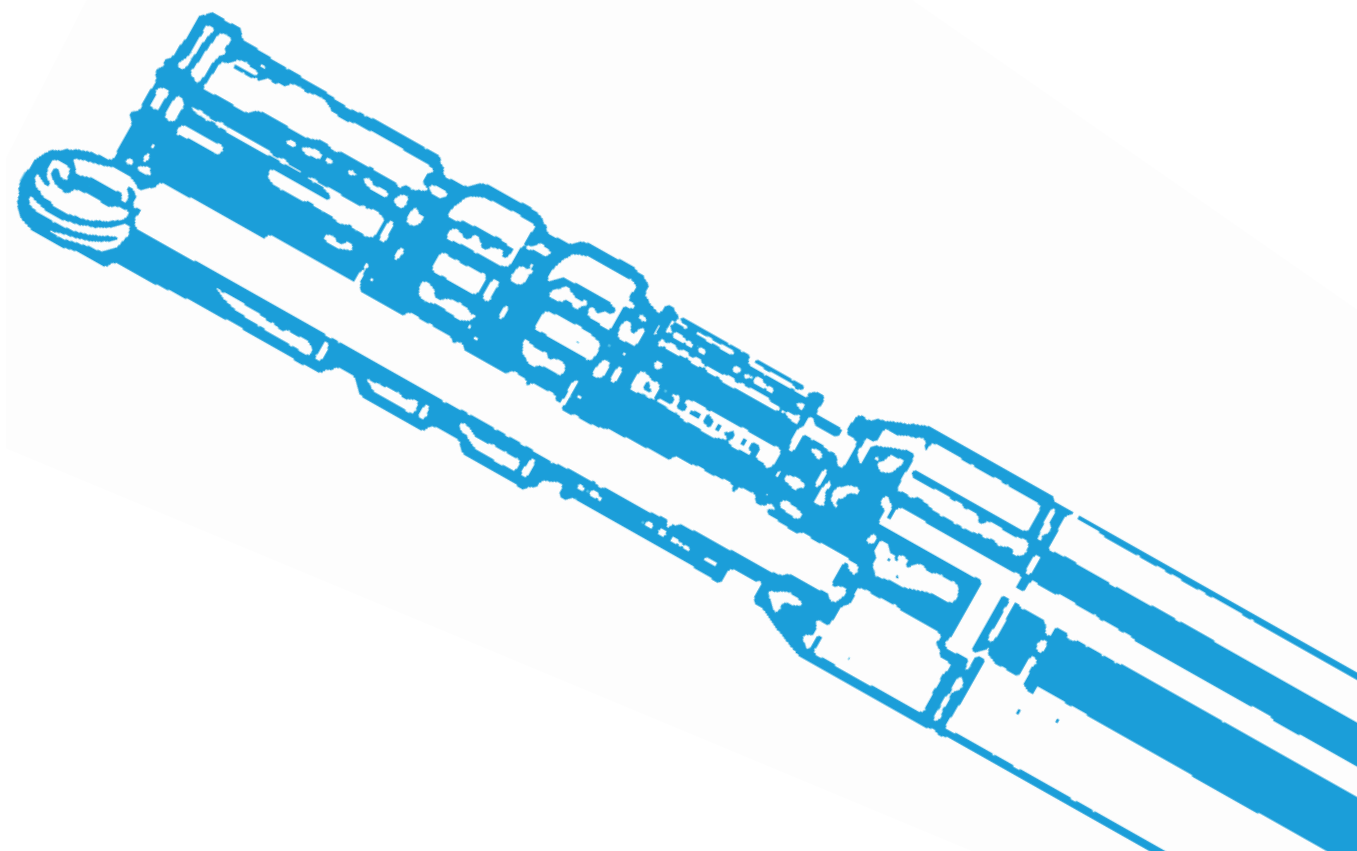
2900 RPM

Model	Power		Phase	Out-Dia	Del- size	Starting Method SD/DOL	Q-USGPM	0	440	528	705	793	881	1057	1233	1321	1409	1497	1585	1673	1761										
	Kw	HP					Q-M ³ /hr.	0	100	120	160	180	200	240	280	300	320	340	360	380	400										
							Q-LPM	0	1667	2000	2667	3000	3333	4000	4667	5000	5333	5667	6000	6333	6667										
S252A/3A	59Kw/80HP	Three	255 mm	D:6"	SD	H-Meter	119	100	96	87	82	77	64	47																	
S252A/3B	67Kw/90HP	Three	255 mm	D:6"	SD		127	110	103	95	91	86	76	61																	

SAER S-302- Series (12" - Outer Dia Semi Axial Borehole Electric Submersible Pumps)

2900 RPM

Model	Power		Phase	Out-Dia	Del- size	Starting Method SD/DOL	Q-USGPM	0	881	991	1101	1211	1321	1431	1541	1651	1761	1871	1981	2092	2202	2312	2422	2532										
	Kw	HP					Q-M ³ /hr.	0	200	225	250	275	300	325	350	375	400	425	450	475	500	525	550	575										
							Q-LPM	0	3333	3750	4167	4583	5000	5417	5833	6250	6667	7083	7500	7917	8333	8750	9167	9583										
S302A/2	132Kw/180HP	Three	301mm	D:8"	SD	H-Meter	116	100	98.5	96	95	93.5	93.5	91.5	87.6	83.3	80	73	68	60	53													
S302A/3B	110Kw/150HP	Three	301mm	D:8"	SD		150	108	102	99	94	91	88	84	78	69	63	57	48	39	30													





NS Series

APPLICATION

Suitable for lifting, pressurising and distribution in civil and industrial installations, autoclave and cistern inlets, washing plants, irrigation systems.

CONSTRUCTION FEATURES

Complete Unit of Pump with Electric Motor
 Impeller: Semi axial impeller
 Outlet complete with non return valve.
 Pump equipped with counter trust ring in anti-wear resin. Diffuser complete with wear ring in anti-wear rubber with metallic shell.
 Driving bushings in anti-wear rubber.
 Components realized with particular materials which assure an high wear resistance.
 Motor Insulation Class: B, Ingrease Protection: IP68, Starting Method: DOL/ Star-Delta Starting

MATERIALS-STANDARD VERSION

Impeller: Polycarbonate Loaded with Fiber Glass/ Techno Polymer
 Diffuser: Polycarbonate Loaded with Fiber Glass/ Techno Polymer
 Shaft: Stainless Steel AISI-420/316
 Outlet: Cast Iron/Stainless Steel AISI-304 / Brass
 Suction Support: Cast Iron/Stainless Steel AISI-304/ Brass
 Cable Cover: Stainless Steel AISI304

OPERATION DATA

Fluid: chemically and mechanically non-aggressive, without any solid substance or abrasive parts.
 Passing of solids: max 2 mm.
 Temperature of the pumped liquid: min 0°C max 35°C.
 Maximum working pressure: 34 bar.
 Maximum immersion depth: 300 m under liquid level.
 Direction of rotation: counter-clockwise, looking by the outlet.

SAER NS-95 Series (4"-Outer Dia Radial Bore Hole Electric Submersible Pumps)

2900 RPM

Model	Power		Phase	Out-Dia	Del- size	Starting Method	Q-USGPM	0	22	27.7	31	35	40	44	48	55	62	70	79	88	97	110		
	Kw	HP						5	6.3	7	8	9	10	11	12.5	14	16	18	20	22	25			
	SD/DOL	Q-LPM						0	83.3	105	117	133	150	167	183	208	233	267	300	333	367	417		
NS-95DA/13	2.2Kw/3HP		Three	100mm	D: 2"	DOL	H-Meter	85	75	70	67	61	55	47	38									
NS-95E/18	4Kw/5.5 HP		Three	100mm	D: 2"	DOL		94					78	77	75	71	66	54	42	22				
NS-95DA/24	4Kw/5.5 HP		Three	100mm	D: 2"	DOL		156	139	130	123	112	101	87	71									
NS-95DA/35	5.5Kw/7.5HP		Three	100mm	D: 2"	DOL		228	202	190	179	164	147	126	103									
NS-95E/10	2.2Kw/3HP		Three	100mm	D: 2"	DOL		52	102	99	97	93	89	85	80	73	67	58	53	46				
NS-95E/24	5.5Kw/7.5HP		Three	100mm	D: 2"	DOL		125					104	102	99	94	87	73	56	29				
NS-95E/7	1.5 Kw/ 2HP		Single	100mm	D: 2"	DOL		37	113	110	108	105	102	97	90	83	75	66	61	52				
NS-95F/14	4Kw/5.5 HP		Three	100mm	D: 2"	DOL		73							62	59	57	53	48	44	37	27		
NS-95F/18	5.5Kw/7.5HP		Three	100mm	D: 2"	DOL		94							79	76	72	67	62	56	48	34		

SAER NS-95 Series (4"-Outer Dia Radial Bore Hole Electric Submersible Pump

2900 RPM

Model	Power		Phase	Out-Dia	Del- size	Starting Method	Q-USGPM	0	3.5	4.4	5.5	7	7.9	8.8	11	14.1	17.6	22	27.7	31	35		
	Kw	HP						0.8	1	1.25	1.6	1.8	2	2.5	3.2	4	5	6.3	7	8			
	SD/DOL	Q-LPM						0	13.3	16.7	20.8	26.7	30	33.3	41.7	53.3	66.7	83.3	105	117	133		
NS-95X/34	1.5Kw/2 HP		Single	100mm	D: 1.1/4"	DOL	H-Meter	163			145	140	138	135	130	119	92	53					

SAER NS-96 Series (4"-Outer Dia Radial Bore Hole Electric Submersible Pumps)

2900 RPM

Model	Power		Phase	Out-Dia	Del- size	Starting Method	Q-USGPM	0	4	5.5	6.6	8.8	14	22	26.4	35	53							
	Kw	HP						0	0.8	1.25	1.5	2	3.2	5	6	8	12							
	SD/DOL	Q-LPM						0	13	21	25	33	53	83.3	100	133.6	200							
NS-96B/12	1.1Kw/1.5HP		Single	100mm	D: 1.1/4"	DOL	H-Meter	84			81	79	71	49	30									
NS-96B/17	1.5Kw/2 HP		Single	100mm	D: 1.1/4"	DOL		119			112	109	98.5	69	42									
NS-96B/25	2.2Kw/3HP		Three	100mm	D: 1.1/4"	DOL		175			163	157.5	143.5	102	63									
NS-96C/24	2.2Kw/3HP		Three	100mm	D: 2"	DOL		152				145	132	105	84	40								
NS-96DA/10	1.5 Kw/ 2HP		Single	100mm	D: 2"	DOL		64						55	52	43								

SAER BORE HOLE SUBMERSIBLE PUMP SET



SAER COUPLING TYPE BARE SHAFT & COMPLETE MOTOR SET
SINGLE STAGE DIFFERENT TYPE HORIZONTAL CENTRIFUGAL PUMP
FOR ALL INDUSTRIAL / IRRIGATION SOLUTION



SAER CLOSE COUPLED SINGLE & MULTISTAGE CENTRIFUGAL PUMP FOR ALL INDUSTRIAL/CONSTRUCTION/DOMESTIC & IRRIGATION SOLUTION



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SAER SWIMMING POOL PUMP SET



SAER VERTICAL & HORIZONTAL MULTISTAGE CENTRIFUGAL PUMP FOR ALL INDUSTRIAL/CONSTRUCTION & DOMESTIC SOLUTION



IN-LINE SINGLE STAGE VERTICAL CENTRIFUGAL PUMP SET



ENGINE & MOTOR DRIVEN SAER NON-CLOG SEMI OPEN IMPELLER TYPE SELF PRIMING CENTRIFUGAL PUMP SET



SAER TB & T-ONE SERIES COMPACT PRESSURIZING SOLUTION PACKAGE COMPLETE SET



SAER PORTABLE TYPE HEAVY DUTY WASTE WATER CIRCULATION SUBMERSIBLE DRAINAGE/MUD PUMP SET



[Float-Switch](#)







[Flow & Presser Controller](#)



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SAER Pump Selector



SAER is an ISO 9001:2015
Certified Company
Certificate N. 501003317



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