



**GENERAL
CATALOGUE 50 Hz**
43.2019

FAMCO





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5" MULTISTAGE SUBMERSIBLE PUMPS

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oil filled motor
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ACCESSORIES

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IDEA

4" PERIPHERAL SUBMERSIBLE PUMPS



SINGLE-PHASE



THREE-PHASE

Peripheral borehole pump single impeller (Idea 75 - 100), double impeller (Idea 150) for 4" wells or larger, capable of providing high heads with limited power. Suitable for water lifting and distribution applications in domestic systems, small agricultural concerns, pressurisation of pressure vessels and DIY uses.

Pump body and motor support in cast iron. Brass impeller. Impeller shaft extension and strainer in stainless steel. Submersible asynchronous two-pole motor, made entirely of stainless steel, dry design Canned-type AISI 304L stator. Squirrel cage rotor running on ball bearings, oversized to ensure reliability and durability. Graphite/alumina mechanical seal and lip seal. In the single phase version the start capacitor is enclosed in a rugged, electrically insulated high-density plastic enclosure. Overload protection to be provided by the user for the three-phase version.

Protection rating IP 68

Insulation class

Liquid temperature range from 0° C to +35° C

Max. no. of starts 20/h

Maximum submersion 20 m.

Installation in 4" or larger wells, tanks or cisterns, vertically.

Liquid quality requirements clean, free of solid or abrasive contaminants, non-viscous, chemically neutral, close to the properties of water.

Removable H07RN-F power cable, length 15 m.

Supplied with 15 m of nylon rope.

MODEL	CODE	ELECTRICAL DATA							HYDRAULIC DATA (n ~ 2800 1/min)								
		VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL		In A	CAPACITOR		Q m ³ /h l/min	0,4	0,6	0,9	1,2	1,5	1,8	2,1	2,4
				kW	HP		µF	Vc		7	10	15	20	25	30	35	40
IDEA 75 M	60122482	1x230V ~	0,8	0,55	0,75	4	16	450		H (m)	39	37	32	27,6	22,5	17,6	12,2
IDEA 100 M	60122483	1x230V ~	1,1	0,75	1	4,7	20	450	52		48,3	41,4	34,6	28	21,2	14,4	7,3
IDEA 150 M	60133713	1x230V ~	2,2	1	1,5	10,5	35	450	90		81	70	60	48	35	22	10
IDEA 75 T	60122353	3x400V ~	0,65	0,55	0,75	1,5	-	-	39		37	32	27,6	22,5	17,6	12,2	6,8
IDEA 100T	60122354	3x400V ~	1,1	0,75	1	2,3	-	-	52		48,3	41,4	34,6	28	21,2	14,4	7,3
IDEA 150T	60140605	3x400V ~	2,5	1	1,5	4,3	-	-	90		81	70	60	48	35	22	10

DIVER - DIVER HF

5" MULTISTAGE SUBMERSIBLE PUMPS



DIVER electric pumps are utilised for lifting clear water from boreholes, first water collection tanks or cisterns, wells or water courses and are capable of distributing pressurised water to domestic installations, small agricultural plants, and sprinkler systems for lawns and gardens. The pump, which is very silent running, can be installed inside boreholes and sumps and eliminates all potential problems of suction and unpriming.

Multi-stage close-coupled borehole pump with hydraulic section below motor, which is cooled by the pumped liquid. Impellers and diffusers in fibreglass-reinforced Noryl with wear-resistant stainless steel thrust ring. Outer liner, stator sleeve, upper head with delivery connection and closing ring in AISI 304 stainless steel.

Supports in brass. Rotor shaft extension in AISI 304 stainless steel. Lip seal on motor side and silicon carbide/silicon carbide mechanical seal on pump side.

Submersible asynchronous two-pole motor made entirely of stainless steel, featuring dry design with external cooling by pumped liquid.

Canned AISI 304L stator. Squirrel cage rotor running on ball bearings, oversized to ensure low noise, reliability and durability.

On request, CONTROL BOX for the single-phase version.

Protection for the three-phase version is the responsibility of the user. Automatic version available with float switch.

Protection rating IP 68

Insulation class F

Standard voltage input

Single-phase: 230 V / 50 Hz.

Three-phase 230V / 50Hz and 400 V / 50 Hz

Power cable Removable H07RN-F, length 10 m.

⁽¹⁾Required for single-phase versions

ACCESSORIES
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DIVER

MODEL	CODE	ELECTRICAL DATA				HYDRAULIC DATA										DNM GAS	WEIGHT KG		
		VOLTAGE 50 Hz	P1 kW	P2		In A	Q m ³ /h l/min	H (m)											
				kW	HP			0	0,6	1,2	1,8	2,4	3	3,6	4,2			4,8	
DIVER 75 M-A	60121469	1x230 V~	0,85	0,55	0,75	4,6	39	35	33	30	26	22	18	14	9	1"1/4	9		
DIVER 75 M-NA	60121655	1x230 V~	0,85	0,55	0,75	4,6	39	35	33	30	26	22	18	14	9	1"1/4	9		
DIVER 75 T-NA	60121656	3x230 V~	0,8	0,55	0,75	2,9	39	35	33	30	26	22	18	14	9	1"1/4	9		
DIVER 75 T-NA	60121657	3x400 V~	0,8	0,55	0,75	1,7	39	35	33	30	26	22	18	14	9	1"1/4	9		
DIVER 100 M-A	60121470	1x230 V~	1,1	0,75	1	5,9	55	50	45	41	35	30	25	18	11	1"1/4	11		
DIVER 100 M-NA	60121658	1x230 V~	1,1	0,75	1	5,9	55	50	45	41	35	30	25	18	11	1"1/4	11		
DIVER 100 T-NA	60121659	3x230 V~	1,2	0,75	1	4,2	55	50	45	41	35	30	25	18	11	1"1/4	11		
DIVER 100 T-NA	60121660	3x400 V~	1,2	0,75	1	2,4	55	50	45	41	35	30	25	18	11	1"1/4	11		
DIVER 150 M-A	60121471	1x230 V~	1,6	1	1,5	7,8	80	72	67	60	52	45	35	26	16	1"1/4	16		
DIVER 150 M-NA	60121661	1x230 V~	1,6	1	1,5	7,8	80	72	67	60	52	45	35	26	16	1"1/4	16		
DIVER 150 T-NA	60121662	3x230 V~	1,55	1	1,5	5,7	80	72	67	60	52	45	35	26	16	1"1/4	16		
DIVER 150 T-NA	60121663	3x400 V~	1,55	1	1,5	3,3	80	72	67	60	52	45	35	26	16	1"1/4	16		
DIVER 150 M-A *	60141617	1x230 V~	1,6	1	1,5	7,8	80	72	67	60	52	45	35	26	16	1"1/4	17		
DIVER 150 M-NA*	60141618	1x230 V~	1,6	1	1,5	7,8	80	72	67	60	52	45	35	26	16	1"1/4	17		
DIVER 150 T-NA *	60141619	3x230 V~	1,55	1	1,5	5,7	80	72	67	60	52	45	35	26	16	1"1/4	17		
DIVER 150 T-NA *	60141620	3x400 V~	1,55	1	1,5	3,3	80	72	67	60	52	45	35	26	16	1"1/4	17		
DIVER 200 M-A	60121472	1x230 V~	2,3	1,5	2	10,7	101	96	90	85	70	60	47	35	21	1"1/4	21		
DIVER 200 M-NA	60121664	1x230 V~	2,3	1,5	2	10,7	101	96	90	85	70	60	47	35	21	1"1/4	21		
DIVER 200 T-NA	60121476	3x230 V~	2,15	1,5	2	8,5	101	96	90	85	70	60	47	35	21	1"1/4	21		
DIVER 200 T-NA	60121665	3x400 V~	2,15	1,5	2	4,9	101	96	90	85	70	60	47	35	21	1"1/4	21		
DIVER 200 M-A *	60141621	1x230 V~	2,3	1,5	2	10,7	101	96	90	85	70	60	47	35	21	1"1/4	21		
DIVER 200 M-NA*	60141623	1x230 V~	2,3	1,5	2	10,7	101	96	90	85	70	60	47	35	21	1"1/4	21		
DIVER 200 T-NA*	60141624	3x230 V~	2,15	1,5	2	8,5	101	96	90	85	70	60	47	35	21	1"1/4	21		
DIVER 200 T-NA *	60141625	3x400 V~	2,15	1,5	2	4,9	101	96	90	85	70	60	47	35	21	1"1/4	21		

A= automatic with float NA= non automatic without float

* 20 mt. CABLE INCLUDED

DIVER - DIVER HF

5" MULTISTAGE SUBMERSIBLE PUMPS



DIVER HF

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA											DNM GAS	WEIGHT KG
		VOLTAGE 50 Hz	P1 kW	P2		In A	Q m³/h l/min	0	1,5	3	4,5	6	7,5	9	10,5	12			
				kW	HP			0	25	50	75	100	125	150	175	200			
DIVER 100 HF M-A	60121666	1x230 V~	1,1	0,75	1	6,2	H (m)	30	28	26	24	22	20	16	13	10	1"¼	11,5	
DIVER 100 HF M-NA	60121667	1x230 V~	1,1	0,75	1	6,2		30	28	26	24	22	20	16	13	10	1"¼	11,5	
DIVER 100 HF T-NA	60121668	3x230 V~	1,2	0,75	1	4,3		30	28	26	24	22	20	16	13	10	1"¼	11,5	
DIVER 100 HF T-A	60121669	3x400 V~	1,2	0,75	1	2,5		30	28	26	24	22	20	16	13	10	1"¼	11,5	
DIVER 150 HF M-A	60121670	1x230 V~	1,7	1	1,5	8,1		42	40	38	35	32	28	24	20	15	1"¼	13	
DIVER 150 HF M-NA	60121671	1x230 V~	1,7	1	1,5	8,1		42	40	38	35	32	28	24	20	15	1"¼	13	
DIVER 150 HF T-NA	60121473	3x230 V~	1,8	1	1,5	6		42	40	38	35	32	28	24	20	15	1"¼	13	
DIVER 150 HF T-A	60121672	3x400 V~	1,8	1	1,5	3,5		42	40	38	35	32	28	24	20	15	1"¼	13	
DIVER 200 HF M-A	60121673	1x230 V~	2,15	1,5	2	10,8		59	55	51	48	44	39	34	28	20	1"¼	15,2	
DIVER 200 HF M-NA	60121674	1x230 V~	2,15	1,5	2	10,8		59	55	51	48	44	39	34	28	20	1"¼	15,2	
DIVER 200 HF T-NA	60121474	3x230 V~	2,1	1,5	2	8,5		59	55	51	48	44	39	34	28	20	1"¼	15,2	
DIVER 200 HF T-A	60121475	3x400 V~	2,1	1,5	2	4,9		59	55	51	48	44	39	34	28	20	1"¼	15,2	

A= automatic with float **NA**= non automatic without float

PULSAR

5" MULTISTAGE SUBMERSIBLE PUMPS



PULSAR pumps, which are very silent running, can be installed inside boreholes and sumps and eliminates all potential problems of suction and unpriming.

Multi-stage close-coupled borehole pump with hydraulic section below motor, which is cooled by the pumped liquid. -Impellers, diffusers, strainer and oil sump in abrasion-proof thermoplastic. Outer liner, stator sleeve, upper head with delivery connection and closing ring in AISI 304 stainless steel. Rotor shaft extension in AISI 304.

Elastomers in NBR. Stainless steel screws.

Double mechanical seal with interposed oil chamber, made of ceramic/carbon on motor side and silicon carbide/silicon carbide on pump side.

Submersible with continuous duty asynchronous motor. Rotor running on ball bearings, oversized to ensure low noise and durability. Built-in thermal and current overload protection and a capacitor permanently on in the single-phase version. To protect the three-phase motor use remote overload cut-outs in compliance with statutory regulations.

Constructed in compliance with CEI 2-3 and CEI 61-69 (EN 60335-2-41) standards.

Operating range

from 0.9 to 7.2 m³/h with head up to 86 metres.

Maximum permissible sand quantity 50 g/m³

Motor protection level IP 68

Insulation class F

Liquid temperature range From 0° C to +40° C

Standard cables 20 m H07 RN F cable type.

Cable complete with SCHUKO plug EEC 7-VII-UNEL 47166-68 for the single-phase version.

Single-phase versions can be equipped with or without float switches for automatic operation.

MODEL	CODE	ELECTRICAL DATA				Q m ³ /h l/min	HYDRAULIC DATA								DNM GAS	WEIGHT KG
		VOLTAGE 50 Hz	P1 kW	P2			In A	0	1,2	2,4	3,6	4,8	6	7,2		
				kW	HP											
PULSAR 30/50 M-A	104160000	1x230 V~	0,94	0,55	0,75	4,5	42	38,2	33,8	24,8	13,5			1 1/4" G	17,3	
PULSAR 30/50 M-NA	104160010	1x230 V~	0,94	0,55	0,75	4,5	42	38,2	33,8	24,8	13,5			1 1/4" G	16,7	
PULSAR 30/50 T-NA	104160420	3x230 V~	0,87	0,55	0,75	2,85	42	38,2	33,8	24,8	13,5			1 1/4" G	17,3	
PULSAR 30/50 T-NA	104160020	3x400 V~	0,87	0,55	0,75	1,65	42	38,2	33,8	24,8	13,5			1 1/4" G	17,3	
PULSAR 40/50 M-A	104160030	1x230 V~	1,12	0,75	1	5,2	56	51	45	33	18			1 1/4" G	17,5	
PULSAR 40/50 M-NA	104160040	1x230 V~	1,12	0,75	1	5,2	56	51	45	33	18			1 1/4" G	17	
PULSAR 40/50 T-NA	104160450	3x230 V~	1,03	0,75	1	3,2	56	51	45	33	18			1 1/4" G	17,5	
PULSAR 40/50 T-NA	104160050	3x400 V~	1,03	0,75	1	1,85	56	51	45	33	18			1 1/4" G	17,5	
PULSAR 50/50 M-A	104160060	1x230 V~	1,45	1	1,36	6,5	72	65,5	58	43,6	24,5			1 1/4" G	18,5	
PULSAR 50/50 M-NA	104160070	1x230 V~	1,45	1	1,36	6,5	72	65,5	58	43,6	24,5			1 1/4" G	18	
PULSAR 50/50 T-NA	104160480	3x230 V~	1,35	1	1,36	4,15	72	65,5	58	43,6	24,5			1 1/4" G	18,5	
PULSAR 50/50 T-NA	104160080	3x400 V~	1,35	1	1,36	2,4	72	65,5	58	43,6	24,5			1 1/4" G	18,5	
PULSAR 65/50 M-A	104160090	1x230 V~	1,70	1,2	1,6	7,8	86	78,5	70	52,8	29			1 1/4" G	19,5	
PULSAR 65/50 M-NA	104160100	1x230 V~	1,70	1,2	1,6	7,8	86	78,5	70	52,8	29			1 1/4" G	19	
PULSAR 65/50 T-NA	104160510	3x230 V~	1,60	1,2	1,6	5	86	78,5	70	52,8	29			1 1/4" G	19,5	
PULSAR 65/50 T-NA	104160110	3x400 V~	1,60	1,2	1,6	2,9	86	78,5	70	52,8	29			1 1/4" G	19,5	
PULSAR 30/80 M-A	104160230	1x230 V~	1,12	0,75	1	5,2	47	45	42	36	30	21	12	1 1/4" G	17,5	
PULSAR 30/80 M-NA	104160240	1x230 V~	1,12	0,75	1	5,2	47	45	42	36	30	21	12	1 1/4" G	17	
PULSAR 30/80 T-NA	104160650	3x230 V~	1,03	0,75	1	3,2	47	45	42	36	30	21	12	1 1/4" G	17,5	
PULSAR 30/80 T-NA	104160250	3x400 V~	1,03	0,75	1	1,85	47	45	42	36	30	21	12	1 1/4" G	17,5	
PULSAR 40/80 M-A	104160260	1x230 V~	1,45	1	1,36	6,5	64	61	56,8	50	41,5	30,5	16,2	1 1/4" "	18,5	
PULSAR 40/80 M-NA	104160270	1x230 V~	1,45	1	1,36	6,5	64	61	56,8	50	41,5	30,5	16,2	1 1/4" "	18	
PULSAR 40/80 T-NA	104160680	3x230 V~	1,35	1	1,36	4,15	64	61	56,8	50	41,5	30,5	16,2	1 1/4" "	18,5	
PULSAR 40/80 T-NA	104160280	3x400 V~	1,35	1	1,36	2,4	64	61	56,8	50	41,5	30,5	16,2	1 1/4" "	18,5	
PULSAR 50/80 M-A	104160290	1x230 V~	1,70	1,2	1,6	7,8	77	73,2	68	60	50	37	19,6	1 1/4" "	19,5	
PULSAR 50/80 M-NA	104160300	1x230 V~	1,70	1,2	1,6	7,8	77	73,2	68	60	50	37	19,6	1 1/4" "	19	
PULSAR 50/80 T-NA	104160710	3x230 V~	1,60	1,2	1,6	5	77	73,2	68	60	50	37	19,6	1 1/4" "	19,5	
PULSAR 50/80 T-NA	104160310	3x400 V~	1,60	1,2	1,6	2,9	77	73,2	68	60	50	37	19,6	1 1/4" "	19,5	

A= automatic with float **NA**= non automatic without float

PULSAR DRY

5" MULTISTAGE SUBMERSIBLE PUMPS



The PULSAR DRY pumps are used in lifting and pressurisation systems for water from primary collection tanks or wells and are suitable for providing pressurised water in domestic systems, small-scale farming and sprinkler systems for gardens and vegetable gardens. The pump is extremely silent and this feature makes it suitable for use with pressurisation systems in unventilated rooms or in areas prone to flooding. Single-piece multi-stage bore-hole pump or of surface with hydraulic assembly positioned under the motor which is cooled by the pumped liquid. Impellers, diffusers, filter and oil sump in abrasion-proof thermoplastic. Pump liner, stator sleeve, upper head with sleeve and sealing ring in AISI 304 steel. Upper and lower bearing supports in dezincification-proof pressed brass. Rotor shaft extension in AISI 304. Elastomers in NBR. Stainless steel hardware. Double mechanical seal separated by an oil chamber, in ceramic/carbon on the motor side and carburundum/carburundum on the pump side. The sealing system ensures the motor remains airtight and the mechanical seal holds even after brief periods of no-water operation.

Continuous service asynchronous submersible motor. Stator incorporated in an AISI 304 stainless steel airtight casing with a cover housing the cables and capacitor. Rotor mounted on oversized ball bearings to ensure silent running and long life. Incorporated thermal current protection and permanently connected capacitor in the single-phase version. As regards three-phase protection, a motor overload cut out should be fitted, in accordance with current standards. Built to IEC 2-3 and IEC 61-69 (EN 60335-2-41).

Operating range

from 0.9 to 7.2 m³/h with a head of up to 86 m

Max. quantity of sand in water 50 gr/m³

Protection level of motor IP 68

Protection class of motor F

Liquid temperature range da 0°C a +40°C

Maximum depth of immersion 20 metres

Standard cables 15 m of H07 RN F cable complete with SCHUKO EEC 7-VII-UNEL 47166-68 plug for the single-phase version. The single-phase versions can be supplied with or without floats for automatic operation.

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA								DNM GAS	DNA GAS	WEIGHT KG	
		VOLTAGE 50 Hz	P1 KW	P2		In A	Q m ³ /h l/min	H (m)										
				KW	HP			0	1,2	2,4	3,6	4,8	6	7,2				
PULSAR DRY 30/50 M-NA	104165200	1x230V~	0,94	0,55	0,75	4,4	42	38,2	33,8	24,8	13,5				1 1/4"	1 1/4"	16,7	
PULSAR DRY 30/50 T-NA	104165410	3x230V~	0,87	0,55	0,75	2,85	42	38,2	33,8	24,8	13,5				1 1/4"	1 1/4"	17,3	
PULSAR DRY 30/50 T-NA	104165210	3x400V~	0,87	0,55	0,75	1,65	42	38,2	33,8	24,8	13,5				1 1/4"	1 1/4"	17,3	
PULSAR DRY 40/50 M-NA	104165220	1x230V~	1,12	0,75	1	5,2	56	51	45	33	18				1 1/4"	1 1/4"	17,3	
PULSAR DRY 40/50 T-NA	104165430	3x230V~	1,03	0,75	1	3,2	56	51	45	33	18				1 1/4"	1 1/4"	17	
PULSAR DRY 40/50 T-NA	104165230	3x400V~	1,03	0,75	1	1,85	56	51	45	33	18				1 1/4"	1 1/4"	17	
PULSAR DRY 50/50 M-NA	104165240	1x230V~	1,45	1	1,36	6,5	72	65,5	58	43,6	24,5				1 1/4"	1 1/4"	18	
PULSAR DRY 50/50 T-NA	104165450	3x230V~	1,35	1	1,36	4,15	72	65,5	58	43,6	24,5				1 1/4"	1 1/4"	18,5	
PULSAR DRY 50/50 T-NA	104165250	3x400V~	1,35	1	1,36	2,4	72	65,5	58	43,6	24,5				1 1/4"	1 1/4"	18,5	
PULSAR DRY 65/50 M-NA	104165260	1x230V~	1,70	1,2	1,6	7,8	86	78,5	70	52,8	29				1 1/4"	1 1/4"	19	
PULSAR DRY 60/50 T-NA	104165470	3x230V~	1,60	1,2	1,6	5	86	78,5	70	52,8	29				1 1/4"	1 1/4"	19,5	
PULSAR DRY 65/50 T-NA	104165270	3x400V~	1,60	1,2	1,6	2,9	86	78,5	70	52,8	29				1 1/4"	1 1/4"	19,5	
PULSAR DRY 30/80 M-NA	104165300	1x230V~	1,12	0,75	1	5,2	51	48,2	44,8	39,2	32,4	23,5	13		1 1/4"	1 1/4"	17	
PULSAR DRY 30/80 T-NA	104165510	3x230V~	1,03	0,75	1	3,2	51	48,2	44,8	39,2	32,4	23,5	13		1 1/4"	1 1/4"	17,5	
PULSAR DRY 30/80 T-NA	104165310	3x400V~	1,03	0,75	1	1,85	51	48,2	44,8	39,2	32,4	23,5	13		1 1/4"	1 1/4"	17,5	
PULSAR DRY 40/80 M-NA	104165320	1x230V~	0,78	1	1,36	6,5	64	61	56,8	50	41,5	30,5	16,2		1 1/4"	1 1/4"	18	
PULSAR DRY 40/80 T-NA	104165530	3x230V~	0,60	1	1,36	4,15	64	61	56,8	50	41,5	30,5	16,2		1 1/4"	1 1/4"	18,5	
PULSAR DRY 40/80 T-NA	104165330	3x400V~	0,60	1	1,36	2,4	64	61	56,8	50	41,5	30,5	16,2		1 1/4"	1 1/4"	18,5	
PULSAR DRY 50/80 M-NA	104165340	1x230V~	0,94	1,2	1,6	7,8	77	73,2	68	60	50	37	19,6		1 1/4"	1 1/4"	19	
PULSAR DRY 50/80 T-NA	104165550	3x230V~	0,87	1,2	1,6	5	77	73,2	68	60	50	37	19,6		1 1/4"	1 1/4"	19,5	
PULSAR DRY 50/80 T-NA	104165350	3x400V~	0,87	1,2	1,6	2,9	77	73,2	68	60	50	37	19,6		1 1/4"	1 1/4"	19,5	

A= automatic with float **NA**= non automatic without float

MICRA HS

HIGH SPEED 3" SUBMERSIBLE PUMPS

NEW MODELS


Electric borehole pumps for 3" wells or larger. These units have a very extensive range of applications for lifting and distribution in domestic and industrial water systems, filling of pressure vessels and tanks, pressure booster and irrigation system.

Multi-stage centrifugal pump type. Pump and motor connected with rigid coupling. Noryl impellers and self-lubricating polyacetyl diffusers. Pump shell, shaft, coupling, filter and cableguard in stainless steel. Base support and delivery head in brass with incorporated non-return valve.

Asynchronous submersible two-pole motor, made of stainless steel AISI304 with brass supports. Squirrel cage rotor mounted on Kingsbury thrust bearing.

Stainless steel canned stator, filled with thermosetting resin with high insulation property and better thermal dissipation capability.

MICRA HS is supplied with ACTIVE DRIVER 2.2, pre-set to drive the pump at the operation frequency of 130 Hz.


Power supply tolerance

230 V (+10% / -20%) single-phase

Rotation speed 7.600 rpm (130 Hz)

Pump voltage 230 V three-phase

Operating range

from 1 to 5 m³/h with head up to 150 m

Pumped liquid clean, free of solid or abrasive contaminants, non-viscous, non-aggressive, chemically neutral, similar to water properties

Maximum permissible sand quantity: 50 g/m³

Liquid temperature range: from 0°C up to +35°C

Installation: boreholes ≥ 3" diameter and tanks in vertical position. In case of horizontal installation, ensure a minimum load applied to the thrust bearings

Power lead cable 1,4 m or 60 m removable cable (available also as optional single unit shielded cable 30m, 60m, 90m long)

The package contains the pump (hydraulic part and motor) with standard cable and Active Driver.

D CONNECT

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 AD PLUS
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 ACCESSORIES
PAG. 301

MODEL	1,4 METERS CABLE CODE	60 METERS CABLE CODE	ELECTRICAL DATA		Q m ³ /h l/min	HYDRAULIC DATA (n = 6300 1/min)										DNM GAS		
			VOLTAGE 50 Hz	P1 MAX kW		H (m)												
						0,5 8	1 17	1,5 25	2 33	2,5 42	3 50	3,5 58	4 67	4,5 75	5 84			
MICRA HS 2/5	60180974	60192436	1x230 V ~	1,1	H (m)	80	68	55	40	24							1"	
MICRA HS 2/7	60180975	60192437	1x230 V ~	1,4		105	90	73	55	32								1"
MICRA HS 2/9	60180976	60192438	1x230 V ~	1,7		128	108	87	62	38								1"
MICRA HS 2/11	60180977	60192439	1x230 V ~	2,0		150	130	102	75	45								1"
MICRA HS 3/2	60180978	60192440	1x230 V ~	1,0				40	37	33	29	24	20					1"
MICRA HS 3/3	60180979	60192441	1x230 V ~	1,3					52	48	43	38	34	28				1"
MICRA HS 3/4	60180980	60192442	1x230 V ~	1,6					65	61	56	50	44	36				1"
MICRA HS 3/5	60180981	60192443	1x230 V ~	1,9					78	74	68	61	54	45				1"
MICRA HS 4/3	60180982	60192444	1x230 V ~	1,6							50	46	42	39	35	29		1"
MICRA HS 4/4	60180983	60192445	1x230 V ~	1,9							63	59	55	49	43	34		1"

MICRA

3" SUBMERSIBLE PUMPS



BOOSTER

Centrifugal type. Directly coupled pump and motor with rigid coupling. Impellers and thrust rings in Noryl and diffusers in self-lubricating polyacetyl. Pump liner, shaft and coupling, strainer and cable sheath in stainless steel. Base support and head in brass with check valve incorporated in head. Submersible asynchronous two-pole motor made entirely of AISI 304 stainless steel with brass bearings. Squirrel cage rotor in copper mounted on Kingsbury thrust block. Cooling of the thrust bearing assembly and the bushings is provided by water, thereby eliminating the risk of oil contamination. **Stainless steel canned stator, filled with thermosetting resin with high insulation property and better thermal dissipation capability.**

The automatic reset thermal protection device is integral with the motor.

Liquid quality requirements clean, free of solid or abrasive contaminants, non-viscous, chemically neutral, close to the properties of water.

Liquid temperature range da 0° C a +35° C

Maximum permissible sand quantity 40 g/m³

Protection rating IP 68

Heat insulation class F

Max. no. of starts 20/h

Power cable

MICRA 50 - 1 m.

MICRA 75 - 1,2 m.

MICRA 100 - 1,4 m.

Ready-to-install kit available including single phase electric pump with 15m cable and double capacitor control panel.

⁽¹⁾Required for single-phase versions

ACCESSORIES
PAG. 301

MODEL	CODE	ELECTRICAL DATA					DNM GAS	WEIGHT KG	HYDRAULIC DATA (n _ 2800 1/min)										
		VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL		In A			Q m ³ /h l/min	H (m)									
				kW	HP					0,3	0,6	0,9	1,2	1,5	1,8	2,1	2,4	2,7	
MICRA 50 M	0090114	1x230V ~	0,65	0,37	0,5	3,3	1*	9		45	41	38	35	31	27	21	14	6	
MICRA 75 M	0090418	1x230V ~	0,95	0,55	0,75	5,1	1*	10,2		68	64	59	54	48	42	33	23	11	
MICRA 75 T	0090618	3x400V ~	0,9	0,55	0,75	1,9	1*	10,2		68	64	59	54	48	42	33	23	11	
MICRA 100 M	0090817	1x230V ~	1,2	0,75	1	6,1	1*	13,6		90	84	78	72	65	56	44	30	14	
MICRA 100 T	0090944	3x400V ~	1,15	0,75	1	2,4	1*	13,6		90	84	78	72	65	56	44	30	14	
MICRA 50 M + 15 mt. CABLE + Control Box Booster*	0090116	1x230V ~	0,65	0,37	0,5	3,3	1*	12,7		45	41	38	35	31	27	21	14	6	
MICRA 75 M + 15 mt. CABLE + Control Box Booster*	0090419	1x230V ~	0,95	0,55	0,75	5,1	1*	14,1		68	64	59	54	48	42	33	23	11	
MICRA 100 M + 15 mt. CABLE + Control Box Booster*	0090818	1x230V ~	1,2	0,75	1	6,1	1*	16,4		90	84	78	72	65	56	44	30	14	

* Double capacitor booster control panel to optimize the starting torque

SS6

6" SUBMERSIBLE PUMPS



Multistage **semiaxial** submersible electric pumps for wells measuring 6" or above, able to generate a broad range of flow rates. These units are used extensively for lifting, distribution, and pressurisation in civil and industrial water systems, filling of booster pumps and tanks, fire-fighting systems and washing of irrigation systems. Application with clean, non-aggressive water free from solids or abrasive substances.

Construction features of the pump

Pump body and impellers in pressed AISI 304 stainless steel.
Pump with check valve of low pressure loss.

For operation with inverter see the specifications of the coupled motor.

On request

- **Pump body:** in pressed AISI 316 stainless steel for use in aggressive water.
- **Impellers:** in pressed AISI 316 stainless steel for use in aggressive water.

Performance range

flow up to 75 m³/h and max head of 670 m

Max. quantity of sand/silt 50g/m³

Max. ambient temperature

30°C (50°C available on request)

Outlet connection diameter (inside threaded)

SS6 A / SS6 B : 2 1/2"

SS6 C : 3"

SS6 D – SS6 E : 4"

Coupling with motors of 4", 6" or 8" depending on the required hydraulic power, and available in standard or stainless steel version:

4GG: encapsulated 4" submersible motor.

4OL: 4" submersible motor in oil bath.

6GF: encapsulated 6" submersible motor.

TR6: rewindable 6" submersible motor.

TR8: rewindable 8" submersible motor.



ACCESSORIES
PAG. 301

SS6A HYDRAULIC PART

MODEL	HYDRAULIC PART CODE	MOTOR COUPLING	ELECTRICAL DATA		HYDRAULIC DATA											DNM GAS	WEIGHT KG	H mm
			P2 NOMINAL REQUESTED		Q=m ³ /h	0,0	2,0	4,0	6,0	8,0	10,0	12,0	14,0	16,0	17,0			
			kW	HP	Q=l/sec	0,0	0,6	1,1	1,7	2,2	2,8	3,3	3,9	4,4	4,7			
SS6A 01	60170099	4"	0,55	0,75	H (mt)	9	9	9	9	9	8	7	6	5	4	2 1/2"	5	566
SS6A 02	60170100	4"	1,1	1,5		19	19	19	18	17	16	15	13	10	9	2 1/2"	7	676
SS6A 03	60170101	4"	1,5	2		28	28	28	27	26	24	22	19	15	13	2 1/2"	8	799
SS6A 04	60170102	4"	2,2	3		37	37	37	36	35	32	29	25	20	18	2 1/2"	10	904
SS6A 05	60170103	4"	2,2	3		47	47	46	45	43	41	37	32	26	22	2 1/2"	11	965
SS6A 06	60170104	4"	2,2	3		56	56	56	54	52	49	44	38	31	27	2 1/2"	13	1025
SS6A 07	60170105	4"	3	4		65	66	65	64	61	57	51	44	36	31	2 1/2"	14	1237
SS6A 08	60170106	4"	4	5,5		75	75	74	73	70	65	59	51	41	36	2 1/2"	15	753
SS6A 08	60167875	6"	4	5,5		75	75	74	73	70	65	59	51	41	36	2 1/2"	15	753
SS6A 09	60170107	4"	4	5,5		84	84	84	82	78	73	66	57	46	40	2 1/2"	17	814
SS6A 09	60167876	6"	4	5,5		84	84	84	82	78	73	66	57	46	40	2 1/2"	17	814
SS6A 10	60170108	4"	4	5,5		93	94	93	91	87	81	73	63	51	44	2 1/2"	18	874
SS6A 10	60167877	6"	4	5,5		93	94	93	91	87	81	73	63	51	44	2 1/2"	18	874
SS6A 11	60170109	4"	4	5,5	103	103	102	100	96	89	81	70	56	49	2 1/2"	20	935	
SS6A 11	60167878	6"	4	5,5	103	103	102	100	96	89	81	70	56	49	2 1/2"	20	935	
SS6A 12	60170110	4"	5,5	7,5	112	112	112	109	104	97	88	76	61	53	2 1/2"	21	995	
SS6A 12	60167879	6"	5,5	7,5	112	112	112	109	104	97	88	76	61	53	2 1/2"	21	995	
SS6A 13	60170111	4"	5,5	7,5	121	122	121	118	113	105	95	82	67	58	2 1/2"	23	1056	
SS6A 13	60167880	6"	5,5	7,5	121	122	121	118	113	105	95	82	67	58	2 1/2"	23	1056	

SS6

6" SUBMERSIBLE PUMPS



SS6A HYDRAULIC PART

MODEL	HYDRAULIC PART CODE	MOTOR COUPLING	ELECTRICAL DATA		HYDRAULIC DATA											DNM GAS	WEIGHT KG	H mm
			P2 NOMINAL REQUESTED		Q=m³h	0,0	2,0	4,0	6,0	8,0	10,0	12,0	14,0	16,0	17,0			
			kW	HP	Q=l/sec	0,0	0,6	1,1	1,7	2,2	2,8	3,3	3,9	4,4	4,7			
SS6A 14	60170112	4"	5,5	7,5	H (m)	131	131	130	127	122	114	103	89	72	62	2½"	24	1116
SS6A 14	60167881	6"	5,5	7,5		131	131	130	127	122	114	103	89	72	62	2½"	24	1116
SS6A 15	60170113	4"	5,5	7,5		140	140	139	136	130	122	110	95	77	67	2½"	26	1177
SS6A 15	60167882	6"	5,5	7,5		140	140	139	136	130	122	110	95	77	67	2½"	26	1177
SS6A 16	60170116	4"	7,5	10		149	150	149	145	139	130	117	101	82	71	2½"	27	1237
SS6A 16	60167885	6"	7,5	10		149	150	149	145	139	130	117	101	82	71	2½"	27	1237
SS6A 17	60170118	4"	7,5	10		159	159	158	154	148	138	124	108	87	76	2½"	28	1298
SS6A 17	60167886	6"	7,5	10		159	159	158	154	148	138	124	108	87	76	2½"	28	1298
SS6A 18	60170120	4"	7,5	10		168	169	167	163	156	146	132	114	92	80	2½"	30	1358
SS6A 18	60167887	6"	7,5	10		168	169	167	163	156	146	132	114	92	80	2½"	30	1358
SS6A 19	60170122	4"	7,5	10		177	178	177	172	165	154	139	120	97	84	2½"	31	1419
SS6A 19	60167888	6"	7,5	10		177	178	177	172	165	154	139	120	97	84	2½"	31	1419
SS6A 20	60170124	4"	7,5	10		187	187	186	182	174	162	146	127	102	89	2½"	33	1479
SS6A 20	60167889	6"	7,5	10		187	187	186	182	174	162	146	127	102	89	2½"	33	1479
SS6A 21	60170125	4"	7,5	10		196	197	195	191	182	170	154	133	108	93	2½"	34	1540
SS6A 21	60167892	6"	7,5	10		196	197	195	191	182	170	154	133	108	93	2½"	34	1540
SS6A 22	60167893	6"	9,2	12,5		205	206	204	200	191	178	161	139	113	98	2½"	36	1600
SS6A 23	60167894	6"	9,2	12,5		215	215	214	209	200	186	168	146	118	102	2½"	37	1661
SS6A 24	60167895	6"	9,2	12,5		224	225	223	218	209	195	176	152	123	107	2½"	39	1721
SS6A 25	60167896	6"	9,2	12,5		233	234	232	227	217	203	183	158	128	111	2½"	40	1782
SS6A 26	60167897	6"	9,2	12,5		243	244	242	236	226	211	190	165	133	116	2½"	41	1842
SS6A 27	60167898	6"	11	15		252	253	251	245	235	219	198	171	138	120	2½"	43	1903
SS6A 28	60167899	6"	11	15		261	262	260	254	243	227	205	177	143	124	2½"	44	1963
SS6A 29	60167900	6"	11	15		270	272	270	263	252	235	212	184	149	129	2½"	46	2024
SS6A 30	60167901	6"	11	15		280	281	279	272	261	243	220	190	154	133	2½"	47	2084
SS6A 31	60167902	6"	15	20		289	290	288	281	269	251	227	196	159	138	2½"	49	2145
SS6A 32	60167903	6"	15	20		298	300	297	290	278	259	234	202	164	142	2½"	50	2205
SS6A 33	60167904	6"	15	20		308	309	307	300	287	268	242	209	169	147	2½"	52	2266
SS6A 34	60167905	6"	15	20		317	318	316	309	295	276	249	215	174	151	2½"	53	2326
SS6A 35	60167906	6"	15	20		326	328	325	318	304	284	256	221	179	156	2½"	54	2387
SS6A 36	60167907	6"	15	20		336	337	335	327	313	292	264	228	184	160	2½"	56	2447
SS6A 37	60167908	6"	15	20		345	347	344	336	321	300	271	234	190	164	2½"	57	2508
SS6A 38	60167909	6"	15	20		354	356	353	345	330	308	278	240	195	169	2½"	59	2568
SS6A 39	60167910	6"	15	20		364	365	362	354	339	316	286	247	200	173	2½"	91	2879
SS6A 40	60167911	6"	15	20		373	375	372	363	348	324	293	253	205	178	2½"	92	2939
SS6A 41	60167912	6"	15	20		382	384	381	372	356	332	300	259	210	182	2½"	94	3000
SS6A 42	60167913	6"	18,5	25		392	393	390	381	365	341	308	266	215	187	2½"	96	3060
SS6A 43	60167914	6"	18,5	25		401	403	400	390	374	349	315	272	220	191	2½"	98	3121
SS6A 44	60167915	6"	18,5	25		410	412	409	399	382	357	322	278	225	196	2½"	100	3181
SS6A 45	60167916	6"	18,5	25		420	421	418	408	391	365	330	285	231	200	2½"	101	3242
SS6A 46	60167917	6"	18,5	25		429	431	428	418	400	373	337	291	236	204	2½"	103	3302
SS6A 47	60167918	6"	18,5	25		438	440	437	427	408	381	344	297	241	209	2½"	105	3363
SS6A 48	60167919	6"	18,5	25		448	450	446	436	417	389	352	304	246	213	2½"	107	3423
SS6A 49	60167920	6"	18,5	25		457	459	455	445	426	397	359	310	251	218	2½"	108	3484
SS6A 50	60169215	6"	22	30		466	468	465	454	434	405	366	316	256	222	2½"	110	3544
SS6A 51	60169216	6"	22	30		476	478	474	463	443	414	373	323	261	227	2½"	112	3605
SS6A 52	60169217	6"	22	30		485	487	483	472	452	422	381	329	266	231	2½"	114	3665
SS6A 53	60169218	6"	22	30		494	496	493	481	460	430	388	335	272	236	2½"	116	3726
SS6A 54	60169219	6"	22	30		504	506	502	490	469	438	395	342	277	240	2½"	117	3786
SS6A 55	60169220	6"	22	30		513	515	511	499	478	446	403	348	282	244	2½"	119	3847
SS6A 56	60169221	6"	22	30		522	524	520	508	487	454	410	354	287	249	2½"	121	3907
SS6A 57	60169223	6"	22	30		532	534	530	517	495	462	417	361	292	253	2½"	123	3968
SS6A 58	60169225	6"	22	30		541	543	539	526	504	470	425	367	297	258	2½"	125	4028
SS6A 59	60169227	6"	22	30		550	553	548	536	513	478	432	373	302	262	2½"	126	4089
SS6A 60	60169228	6"	22	30		560	562	558	545	521	486	439	380	307	267	2½"	128	4149

SS6

6" SUBMERSIBLE PUMPS



SS6B HYDRAULIC PART

MODEL	HYDRAULIC PART CODE	MOTOR COUPLING	ELECTRICAL DATA		HYDRAULIC DATA													DNM GAS	WEIGHT KG	H mm
			P2 NOMINAL REQUESTED		Q=m³h	0,0	6,0	8,0	10,0	12,0	14,0	15,0	16,0	18,0	20,0					
			KW	HP	Q=l/sec	0,0	1,7	2,2	2,8	3,3	3,9	4,2	4,4	5,0	5,6					
SS6B 01	60170130	4"	0,75	1	H (m)	11	11	11	10	10	9	9	9	8	6	2 1/2"	13,1	330		
SS6B 02	60170131	4"	1,5	2		23	22	22	21	20	19	18	17	15	13	2 1/2"	18	390		
SS6B 03	60170132	4"	2,2	3		34	33	33	31	30	28	27	26	23	19	2 1/2"	21,2	451		
SS6B 04	60170133	4"	3	4		45	44	43	42	40	37	36	34	30	26	2 1/2"	29,9	511		
SS6B 05	60170144	4"	3	4		56	55	54	52	50	47	45	43	38	32	2 1/2"	30,9	572		
SS6B 06	60170145	4"	4	5,5		68	66	65	63	60	56	54	51	45	39	2 1/2"	52,4	632		
SS6B 06	60167925	6"	4	5,5		68	66	65	63	60	56	54	51	45	39	2 1/2"	52,4	632		
SS6B 07	60170146	4"	4	5,5		79	77	76	73	70	65	63	60	53	45	2 1/2"	14	693		
SS6B 07	60167199	6"	4	5,5		79	77	76	73	70	65	63	60	53	45	2 1/2"	14	693		
SS6B 08	60170147	4"	5,5	7,5		90	89	87	84	80	75	71	68	60	52	2 1/2"	16	753		
SS6B 08	60167926	6"	5,5	7,5		90	89	87	84	80	75	71	68	60	52	2 1/2"	16	753		
SS6B 09	60170148	4"	5,5	7,5		102	100	98	94	90	84	80	77	68	58	2 1/2"	17	814		
SS6B 09	60167927	6"	5,5	7,5		102	100	98	94	90	84	80	77	68	58	2 1/2"	17	814		
SS6B 10	60170149	4"	5,5	7,5		113	111	108	105	100	93	89	85	76	65	2 1/2"	18	874		
SS6B 10	60167200	6"	5,5	7,5		113	111	108	105	100	93	89	85	76	65	2 1/2"	18	874		
SS6B 11	60170150	4"	7,5	10		124	122	119	115	110	102	98	94	83	71	2 1/2"	20	935		
SS6B 11	60167928	6"	7,5	10		124	122	119	115	110	102	98	94	83	71	2 1/2"	20	935		
SS6B 12	60170151	4"	7,5	10		135	133	130	126	120	112	107	102	91	78	2 1/2"	21	995		
SS6B 12	60167929	6"	7,5	10		135	133	130	126	120	112	107	102	91	78	2 1/2"	21	995		
SS6B 13	60170152	4"	7,5	10		147	144	141	136	130	121	116	111	98	84	2 1/2"	23	1056		
SS6B 13	60167201	6"	7,5	10		147	144	141	136	130	121	116	111	98	84	2 1/2"	23	1056		
SS6B 14	60170153	4"	7,5	10		158	155	152	147	140	130	125	119	106	91	2 1/2"	24	1116		
SS6B 14	60167930	6"	7,5	10		158	155	152	147	140	130	125	119	106	91	2 1/2"	24	1116		
SS6B 15	60167202	6"	9,3	12,5		169	166	163	157	150	140	134	128	113	97	2 1/2"	26	1177		
SS6B 16	60167931	6"	9,3	12,5		181	177	173	168	160	149	143	136	121	103	2 1/2"	27	1237		
SS6B 17	60167203	6"	9,3	12,5		192	188	184	178	170	158	152	145	128	110	2 1/2"	29	1298		
SS6B 18	60167932	6"	11	15		203	199	195	189	180	168	161	153	136	116	2 1/2"	30	1358		
SS6B 19	60167933	6"	11	15		214	210	206	199	190	177	170	162	143	123	2 1/2"	31	1419		
SS6B 20	60167204	6"	11	15		226	221	217	210	199	186	179	170	151	129	2 1/2"	33	1479		
SS6B 21	60167934	6"	15	20		237	232	228	220	209	196	188	179	159	136	2 1/2"	34	1540		
SS6B 22	60167205	6"	15	20	248	243	238	230	219	205	196	187	166	142	2 1/2"	36	1600			
SS6B 23	60167935	6"	15	20	260	254	249	241	229	214	205	196	174	149	2 1/2"	37	1661			
SS6B 24	60167206	6"	15	20	271	266	260	251	239	224	214	204	181	155	2 1/2"	39	1721			
SS6B 25	60167938	6"	15	20	282	277	271	262	249	233	223	213	189	162	2 1/2"	40	1782			
SS6B 26	60167939	6"	15	20	293	288	282	272	259	242	232	221	196	168	2 1/2"	42	1842			
SS6B 27	60167207	6"	15	20	305	299	293	283	269	252	241	230	204	175	2 1/2"	43	1903			
SS6B 28	60167940	6"	15	20	316	310	303	293	279	261	250	238	211	181	2 1/2"	45	1963			
SS6B 29	60167941	6"	18,5	25	327	321	314	304	289	270	259	247	219	188	2 1/2"	46	2024			
SS6B 30	60167208	6"	18,5	25	339	332	325	314	299	280	268	255	227	194	2 1/2"	47	2084			

SS6

6" SUBMERSIBLE PUMPS



SS6B HYDRAULIC PART

MODEL	HYDRAULIC PART CODE	MOTOR COUPLING	ELECTRICAL DATA		HYDRAULIC DATA													DNM GAS	WEIGHT KG	H mm
			P2 NOMINAL REQUESTED		Q=m³h	0,0	6,0	8,0	10,0	12,0	14,0	15,0	16,0	18,0	20,0					
			kW	HP	Q=l/sec	0,0	1,7	2,2	2,8	3,3	3,9	4,2	4,4	5,0	5,6					
SS6B 31	60167209	6"	18,5	25	H (mt)	350	343	336	325	309	289	277	264	234	200	2 ½"	49	2145		
SS6B 32	60167942	6"	18,5	25		361	354	347	335	319	298	286	272	242	207	2 ½"	50	2205		
SS6B 33	60167210	6"	18,5	25		372	365	358	346	329	307	295	281	249	213	2 ½"	52	2266		
SS6B 34	60167943	6"	18,5	25		384	376	368	356	339	317	304	289	257	220	2 ½"	53	2326		
SS6B 35	60167944	6"	22	30		395	387	379	367	349	326	313	298	264	226	2 ½"	55	2387		
SS6B 36	60167211	6"	22	30		406	398	390	377	359	335	322	306	272	233	2 ½"	56	2447		
SS6B 37	60167945	6"	22	30		418	409	401	388	369	345	330	315	279	239	2 ½"	58	2508		
SS6B 38	60167212	6"	22	30		429	420	412	398	379	354	339	323	287	246	2 ½"	59	2568		
SS6B 39	60167946	6"	22	30		440	432	423	409	389	363	348	332	294	252	2 ½"	91	2879		
SS6B 40	60167213	6"	22	30		451	443	433	419	399	373	357	340	302	259	2 ½"	93	2939		
SS6B 41	60167947	6"	22	30		463	454	444	430	409	382	366	349	310	265	2 ½"	95	3000		
SS6B 42	60167948	6"	30	40		474	465	455	440	419	391	375	357	317	272	2 ½"	96	3060		
SS6B 43	60167949	6"	30	40		485	476	466	450	429	401	384	366	325	278	2 ½"	98	3121		
SS6B 44	60167950	6"	30	40		497	487	477	461	439	410	393	374	332	284	2 ½"	100	3181		
SS6B 45	60167951	6"	30	40		508	498	488	471	449	419	402	383	340	291	2 ½"	102	3242		
SS6B 46	60167952	6"	30	40		519	509	498	482	459	429	411	391	347	297	2 ½"	103	3302		
SS6B 47	60167953	6"	30	40		531	520	509	492	469	438	420	400	355	304	2 ½"	105	3363		
SS6B 48	60167954	6"	30	40		542	531	520	503	479	447	429	408	362	310	2 ½"	107	3423		
SS6B 49	60167955	6"	30	40		553	542	531	513	489	457	438	417	370	317	2 ½"	109	3484		
SS6B 50	60167956	6"	30	40		564	553	542	524	499	466	447	425	378	323	2 ½"	111	3544		
SS6B 51	60167957	6"	30	40		576	564	553	534	509	475	456	434	385	330	2 ½"	112	3605		
SS6B 52	60167958	6"	30	40		587	575	563	545	519	485	464	442	393	336	2 ½"	114	3665		
SS6B 53	60167959	6"	30	40		598	586	574	555	529	494	473	451	400	343	2 ½"	116	3726		
SS6B 54	60169229	6"	30	40		610	597	585	566	539	503	482	459	408	349	2 ½"	118	3786		
SS6B 55	60169236	6"	30	40		621	609	596	576	549	512	491	468	415	356	2 ½"	120	3847		
SS6B 56	60169237	6"	30	40		632	620	607	587	559	522	500	476	423	362	2 ½"	121	3907		
SS6B 57	60169238	6"	37	50		643	631	618	597	569	531	509	485	430	369	2 ½"	123	3968		
SS6B 58	60169239	6"	37	50		655	642	628	608	578	540	518	493	438	375	2 ½"	125	4028		
SS6B 59	60169240	6"	37	50		666	653	639	618	588	550	527	502	446	381	2 ½"	127	4089		
SS6B 60	60169241	6"	37	50		677	664	650	629	598	559	536	510	453	388	2 ½"	129	4149		

SS6

6" SUBMERSIBLE PUMPS



SS6C HYDRAULIC PART

MODEL	HYDRAULIC PART CODE	MOTOR COUPLING	ELECTRICAL DATA		HYDRAULIC DATA											DNM GAS	WEIGHT KG	H mm
			P2 NOMINAL REQUESTED		Q=m³h	0,0	6,0	10,0	14,0	18,0	22,0	26,0	30,0	34,0	38,0			
			kW	HP	Q=l/sec	0,0	1,7	2,8	3,9	5,0	6,1	7,2	8,3	9,4	10,6			
SS6C 01	60170154	4"	1,1	1,5	12	11	11	11	10	9	8	7	6	5	3"	6	364	
SS6C 02	60170155	4"	2,2	3	12	11	11	11	10	9	8	7	6	5	3"	9	459	
SS6C 03	60170156	4"	3	4	35	34	33	32	30	28	25	22	19	15	3"	11	554	
SS6C 04	60170157	4"	4	5,5	47	46	44	43	40	37	34	30	25	20	3"	13	649	
SS6C 04	60167215	6"	4	5,5	47	46	44	43	40	37	34	30	25	20	3"	13	649	
SS6C 05	60170158	4"	5,5	7,5	59	57	55	53	50	47	42	37	32	25	3"	15	744	
SS6C 05	60167216	6"	5,5	7,5	59	57	55	53	50	47	42	37	32	25	3"	15	744	
SS6C 06	60170159	4"	5,5	7,5	70	69	67	64	60	56	51	45	38	30	3"	17	839	
SS6C 06	60167217	6"	5,5	7,5	70	69	67	64	60	56	51	45	38	30	3"	17	839	
SS6C 07	60170160	4"	7,5	10	82	80	78	74	70	65	59	52	44	35	3"	19	934	
SS6C 07	60167962	6"	7,5	10	82	80	78	74	70	65	59	52	44	35	3"	19	934	
SS6C 08	60170161	4"	7,5	10	94	92	89	85	80	75	68	60	51	40	3"	21	1029	
SS6C 08	60167218	6"	7,5	10	94	92	89	85	80	75	68	60	51	40	3"	21	1029	
SS6C 09	60167963	6"	9,2	12,5	105	103	100	96	90	84	76	67	57	45	3"	23	1124	
SS6C 10	60167964	6"	9,2	12,5	117	114	111	106	100	93	85	75	63	50	3"	25	1219	
SS6C 11	60167219	6"	9,2	12,5	129	126	122	117	110	103	93	82	70	55	3"	27	1314	
SS6C 12	60167965	6"	11	15	141	137	133	128	120	112	102	90	76	60	3"	29	1409	
SS6C 13	60167220	6"	11	15	152	149	144	138	131	121	110	97	82	65	3"	31	1504	
SS6C 14	60167966	6"	15	20	164	160	155	149	141	131	119	105	89	70	3"	33	1599	
SS6C 15	60167221	6"	15	20	176	172	166	159	151	140	127	112	95	75	3"	36	1694	
SS6C 16	60167967	6"	15	20	187	183	178	170	161	149	136	120	101	80	3"	38	1789	
SS6C 17	60167222	6"	15	20	199	195	189	181	171	159	144	127	108	85	3"	40	1884	
SS6C 18	60167968	6"	18,5	25	211	206	200	191	181	168	153	135	114	90	3"	42	1979	
SS6C 19	60167223	6"	18,5	25	223	219	211	202	191	177	161	142	121	95	3"	44	2074	
SS6C 20	60167225	6"	18,5	25	234	229	222	213	201	186	170	150	127	100	3"	46	2169	
SS6C 21	60167226	6"	18,5	25	246	240	233	223	211	196	178	157	133	105	3"	48	2264	
SS6C 22	60167969	6"	22	30	258	252	244	234	221	205	187	165	140	110	3"	50	2359	
SS6C 23	60167227	6"	22	30	269	263	255	244	231	214	195	172	146	115	3"	52	2454	
SS6C 24	60167970	6"	22	30	281	275	266	255	241	224	203	180	152	120	3"	54	2549	
SS6C 25	60167971	6"	22	30	293	286	277	266	251	233	212	187	159	125	3"	56	2644	
SS6C 26	60167228	6"	22	30	305	298	289	276	261	242	220	195	165	130	3"	58	2739	
SS6C 27	60167972	6"	30	40	316	309	300	287	271	252	229	202	171	136	3"	60	2834	
SS6C 28	60167973	6"	30	40	328	320	311	298	281	261	237	210	178	141	3"	63	2929	
SS6C 29	60167974	6"	30	40	340	332	322	308	291	270	246	217	184	146	3"	65	3024	
SS6C 30	60167229	6"	30	40	351	343	333	319	301	280	254	225	190	151	3"	67	3119	
SS6C 31	60167975	6"	30	40	363	355	344	330	311	289	263	232	197	156	3"	69	3214	
SS6C 32	60167976	6"	30	40	375	366	355	340	321	298	271	240	203	161	3"	71	3309	
SS6C 33	60167977	6"	30	40	387	378	366	351	331	308	280	247	209	166	3"	73	3404	
SS6C 34	60167230	6"	30	40	398	389	377	361	341	317	288	255	216	171	3"	75	3499	
SS6C 35	60167978	6"	30	40	410	401	388	372	351	326	297	262	222	176	3"	77	3594	
SS6C 36	60167979	6"	30	40	422	412	400	383	361	336	305	270	228	181	3"	79	3689	
SS6C 37	60167980	6"	30	40	433	423	411	393	371	345	314	277	235	186	3"	81	3784	
SS6C 38	60167981	6"	30	40	445	435	422	404	381	354	322	285	241	191	3"	83	3879	
SS6C 39	60167231	6"	37	50	457	446	433	415	392	364	331	292	247	196	3"	124	4224	
SS6C 40	60167982	6"	37	50	469	458	444	425	402	373	339	300	254	201	3"	126	4319	
SS6C 41	60167983	6"	37	50	480	469	455	436	412	382	348	307	260	206	3"	129	4414	
SS6C 42	60167984	6"	37	50	492	481	466	446	422	392	356	315	266	211	3"	132	4509	
SS6C 43	60167232	8"	45	60	504	492	477	457	432	401	365	322	273	216	3"	134	4604	
SS6C 44	60167985	8"	45	60	515	504	488	468	442	410	373	330	279	221	3"	137	4699	
SS6C 45	60167986	8"	45	60	527	515	499	478	452	420	381	337	285	226	3"	139	4794	
SS6C 46	60167233	8"	45	60	539	526	511	489	462	429	390	344	292	231	3"	142	4889	
SS6C 47	60167988	8"	45	60	551	538	522	500	472	438	398	352	298	236	3"	145	4984	
SS6C 48	60167989	8"	45	60	562	549	533	510	482	448	407	359	304	241	3"	147	5079	
SS6C 49	60167503	8"	45	60	574	561	544	521	492	457	415	367	311	246	3"	150	5174	
SS6C 50	60169242	8"	45	60	586	572	555	532	502	466	424	374	317	251	3"	152	5269	
SS6C 51	60169243	8"	45	60	597	584	566	542	512	476	432	382	323	256	3"	155	5364	
SS6C 52	60169244	8"	55	75	609	595	577	553	522	485	441	389	330	261	3"	158	5459	
SS6C 53	60169245	8"	55	75	621	607	588	563	532	494	449	397	336	266	3"	160	5554	
SS6C 54	60169246	8"	55	75	633	618	599	574	542	503	458	404	342	271	3"	163	5649	

H (m)

SS6

6" SUBMERSIBLE PUMPS



SS6D HYDRAULIC PART

MODEL	HYDRAULIC PART CODE	MOTOR COUPLING	ELECTRICAL DATA		HYDRAULIC DATA													DNM GAS	WEIGHT KG	H mm
			P2 NOMINAL REQUESTED		Q=m³/h	0,0	20,0	25,0	30,0	35,0	40,0	45,0	50,0	55,0	60,0					
			KW	HP	Q=l/sec	0,0	5,6	6,9	8,3	9,7	11,1	12,5	13,9	15,3	16,7					
SS6D 01	60170162	4"	2,2	3	H (m)	14	13	12	11	10	10	9	8	7	5	4"	7	382		
SS6D 02	60170163	4"	4	5,5		28	25	24	22	21	19	18	16	14	10	4"	10	494		
SS6D 02	60167245	6"	4	5,5		28	25	24	22	21	19	18	16	14	10	4"	10	494		
SS6D 03	60170164	4"	5,5	7,5		42	38	36	33	31	29	26	24	20	16	4"	12	606		
SS6D 03	60167246	6"	5,5	7,5		42	38	36	33	31	29	26	24	20	16	4"	12	606		
SS6D 04	60170165	4"	7,5	10		56	50	47	44	41	38	35	32	27	21	4"	15	718		
SS6D 04	60167247	6"	7,5	10		56	50	47	44	41	38	35	32	27	21	4"	15	718		
SS6D 05	60170166	4"	7,5	10		70	63	59	56	52	48	44	39	34	26	4"	18	830		
SS6D 05	60167248	6"	7,5	10		70	63	59	56	52	48	44	39	34	26	4"	18	830		
SS6D 06	60167249	6"	9,2	12,5		84	75	71	67	62	57	53	47	41	31	4"	20	942		
SS6D 07	60167250	6"	11	15		98	88	83	78	72	67	61	55	47	36	4"	23	1054		
SS6D 08	60167251	6"	15	20		112	101	95	89	83	77	70	63	54	42	4"	26	1166		
SS6D 09	60167252	6"	15	20		126	113	107	100	93	86	79	71	61	47	4"	28	1278		
SS6D 10	60167987	6"	18,5	25		140	126	119	111	103	96	88	79	68	52	4"	31	1390		
SS6D 11	60167253	6"	18,5	25		154	138	130	122	114	105	97	87	74	57	4"	34	1502		
SS6D 12	60167254	6"	22	30		168	151	142	133	124	115	105	95	81	62	4"	36	1614		
SS6D 13	60167990	6"	22	30		182	163	154	144	134	125	114	102	88	68	4"	39	1726		
SS6D 14	60167255	6"	22	30		196	176	166	155	145	134	123	110	95	73	4"	42	1838		
SS6D 15	60167991	6"	30	40		210	188	178	167	155	144	132	118	101	78	4"	44	1950		
SS6D 16	60167256	6"	30	40		224	201	190	178	165	153	141	126	108	83	4"	47	2062		
SS6D 17	60167992	6"	30	40		238	214	202	189	176	163	149	134	115	88	4"	49	2174		
SS6D 18	60167257	6"	30	40		252	226	213	200	186	172	158	142	122	93	4"	52	2286		
SS6D 19	60167995	6"	37	50		266	239	225	211	197	182	167	150	128	99	4"	55	2398		
SS6D 20	60167996	6"	37	50		280	251	237	222	207	192	176	158	135	104	4"	57	2510		
SS6D 21	60167997	6"	37	50		294	264	249	233	217	201	184	166	142	109	4"	60	2622		
SS6D 22	60167998	6"	37	50		308	276	261	244	228	211	193	173	149	114	4"	63	2734		
SS6D 23	60167258	6"	37	50		322	289	273	255	238	220	202	181	155	119	4"	65	2846		
SS6D 24	60167999	6"	45	60		336	302	285	267	248	230	211	189	162	125	4"	68	2958		
SS6D 25	60168000	8"	45	60		350	314	296	278	259	239	220	197	169	130	4"	71	3070		
SS6D 26	60167259	8"	45	60		364	327	308	289	269	249	228	205	176	135	4"	73	3182		
SS6D 27	60168001	8"	45	60		378	339	320	300	279	259	237	213	182	140	4"	76	3294		
SS6D 28	60167260	8"	45	60		392	352	332	311	290	268	246	221	189	145	4"	79	3406		
SS6D 29	60168002	8"	45	60		406	364	344	322	300	278	255	229	196	151	4"	81	3518		
SS6D 30	60167261	8"	45	60	420	377	356	333	310	287	264	237	203	156	4"	84	3630			
SS6D 31	60168003	8"	55	75	434	390	368	344	321	297	272	244	209	161	4"	86	3742			
SS6D 32	60168004	8"	55	75	448	402	379	355	331	307	281	252	216	166	4"	89	3854			
SS6D 33	60167262	8"	55	75	462	415	391	366	341	316	290	260	223	171	4"	92	3966			

SS6

6" SUBMERSIBLE PUMPS



SS6E HYDRAULIC PART

MODEL	HYDRAULIC PART CODE	MOTOR COUPLING	ELECTRICAL DATA		HYDRAULIC DATA													DNM GAS	WEIGHT KG	H mm
			P2 NOMINAL REQUESTED		Q=m³/h	0,0	20,0	40,0	45,0	50,0	55,0	60,0	65,0	70,0	75,0					
			KW	HP	Q=l/sec	0,0	5,6	11,1	12,5	13,9	15,3	16,7	18,1	19,4	20,8					
SS6E 01	60171006	4"	2,2	3	H (m)	15	13	10	10	9	9	8	8	7	6	4"	7	382		
SS6E 02	60171007	4"	4	5,5		30	26	21	20	19	18	17	15	14	11	4"	10	494		
SS6E 02	60167265	6"	4	5,5		30	26	21	20	19	18	17	15	14	11	4"	10	494		
SS6E 03	60171008	4"	5,5	7,5		45	38	31	30	28	27	25	23	20	17	4"	12	606		
SS6E 03	60167266	6"	5,5	7,5		45	38	31	30	28	27	25	23	20	17	4"	12	606		
SS6E 04	60171009	4"	7,5	10		60	51	42	40	38	36	33	31	27	23	4"	15	718		
SS6E 04	60167267	6"	7,5	10		60	51	42	40	38	36	33	31	27	23	4"	15	718		
SS6E 05	60167268	6"	9,2	12,5		75	64	52	50	47	45	42	38	34	28	4"	18	830		
SS6E 06	60167269	6"	11	15		90	77	62	59	57	54	50	46	41	34	4"	20	942		
SS6E 07	60167270	6"	15	20		105	90	73	69	66	63	59	54	48	40	4"	23	1054		
SS6E 08	60167271	6"	15	20		120	103	83	79	75	71	67	61	54	45	4"	26	1166		
SS6E 09	60168005	6"	18,5	25		135	115	94	89	85	80	75	69	61	51	4"	28	1278		
SS6E 10	60167272	6"	18,5	25		150	128	104	99	94	89	84	77	68	56	4"	31	1390		
SS6E 11	60168006	6"	22	30		165	141	115	109	104	98	92	85	75	62	4"	34	1502		
SS6E 12	60167273	6"	22	30		180	154	125	119	113	107	100	92	82	68	4"	36	1614		
SS6E 13	60168007	6"	30	35		195	167	135	129	123	116	109	100	88	73	4"	39	1726		
SS6E 14	60167274	6"	30	35		210	180	146	139	132	125	117	108	95	79	4"	42	1838		
SS6E 15	60168008	6"	30	40		225	192	156	149	141	134	126	115	102	85	4"	44	1950		
SS6E 16	60168009	6"	30	40		240	205	167	159	151	143	134	123	109	90	4"	47	2062		
SS6E 17	60167275	6"	30	40		255	218	177	169	160	152	142	131	116	96	4"	50	2174		
SS6E 18	60168010	6"	37	50		270	231	187	178	170	161	151	138	122	102	4"	52	2286		
SS6E 19	60168011	6"	37	50		285	244	198	188	179	170	159	146	129	107	4"	55	2398		
SS6E 20	60167276	6"	37	50		300	257	208	198	189	179	167	154	136	113	4"	58	2510		
SS6E 21	60167277	6"	37	50		315	269	219	208	198	188	176	161	143	119	4"	60	2622		
SS6E 22	60168012	6"	45	60		330	282	229	218	207	197	184	169	150	124	4"	63	2734		
SS6E 23	60168013	8"	45	60		345	295	239	228	217	205	193	177	157	130	4"	65	2846		
SS6E 24	60167278	8"	45	60		360	308	250	238	226	214	201	184	163	135	4"	68	2958		
SS6E 25	60168014	8"	55	75		375	321	260	248	236	223	209	192	170	141	4"	71	3070		
SS6E 26	60168015	8"	55	75		390	334	271	258	245	232	218	200	177	147	4"	73	3182		
SS6E 27	60168016	8"	55	75		405	346	281	268	255	241	226	208	184	152	4"	76	3294		
SS6E 28	60167279	8"	55	75	420	359	292	278	264	250	234	215	191	158	4"	79	3406			
SS6E 29	60168017	8"	55	75	435	372	302	287	273	259	243	223	197	164	4"	81	3518			
SS6E 30	60167280	8"	55	75	450	385	312	297	283	268	251	231	204	169	4"	84	3630			

SS7

7" SUBMERSIBLE PUMPS



Multistage semiaxial submersible electric pumps for wells measuring 7" or above, able to generate a broad range of flow rates. These units are used extensively for lifting, distribution, and pressurisation in civil and industrial water systems, filling of booster pumps and tanks, fire-fighting systems and washing of irrigation systems.

Application with clean, non-aggressive water free from solids or abrasive substances.

Construction features of the pump

Pump body and impellers in pressed AISI 304 stainless steel.
Pump with check valve of low pressure loss.

For operation with inverter see the specifications of the coupled motor.

On request

- **Pump body:** in pressed AISI 316 stainless steel for use in aggressive water
- **Impellers:** in pressed AISI 316 stainless steel for use in aggressive water

Performance range

flow up to 110 m³/h and max head of 423 m

Max. quantity of sand/silt 50g/m³

Max. ambient temperature

30°C (50°C available on request)

Outlet connection diameter (inside threaded)
5"

Coupling with motors of 6" or 8" depending on the required hydraulic power, and available in standard or stainless steel version:

6GF: encapsulated 6" submersible motor.

TR6: rewindable 6" submersible motor.

TR8: rewindable 8" submersible motor.

ACCESSORIES
PAG. 301

SS7A HYDRAULIC PART

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA		HYDRAULIC DATA												DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING	
		P2 NOMINAL REQUESTED		Q=m ³ h	H (mt)															
		kW	HP		Q=l/sec	0,0	5,6	8,3	11,1	13,9	16,7	19,4	22,2	25,0	27,8					
SS7A 01	60167429	4	5,5	19	19	18	17	16	15	14	12	11	8	5"	26	571	6"			
SS7A 02	60167430	7,5	10	38	37	36	34	32	30	28	25	21	17	5"	30	699	6"			
SS7A 03	60167431	11	15	58	56	54	51	49	45	42	37	32	25	5"	34	827	6"			
SS7A 04	60167432	15	20	77	74	72	69	65	61	56	50	42	33	5"	38	955	6"			
SS7A 05	60167433	18,5	25	96	93	90	86	81	76	69	62	53	41	5"	42	1083	6"			
SS7A 06	60167434	22	30	115	111	108	103	97	91	83	74	63	50	5"	46	1211	6"			
SS7A 07	60168018	30	40	135	130	126	120	114	106	97	87	74	58	5"	50	1339	6"			
SS7A 08	60167435	30	40	154	149	144	137	130	121	111	99	84	66	5"	54	1467	6"			
SS7A 09	60168019	37	50	173	167	161	154	146	136	125	111	95	75	5"	58	1595	6"			
SS7A 10	60167436	37	50	192	186	179	172	162	152	139	124	105	83	5"	62	1723	6"			
SS7A 11	60168025	45	60	211	204	197	189	179	167	153	136	116	91	5"	66	1851	8"			
SS7A 12	60167437	45	60	231	223	215	206	195	182	167	149	127	99	5"	70	1979	8"			
SS7A 13	60168026	55	75	250	241	233	223	211	197	181	161	137	108	5"	74	2107	8"			
SS7A 14	60168027	55	75	269	260	251	240	227	212	195	173	148	116	5"	78	2235	8"			
SS7A 15	60167438	55	75	288	278	269	257	244	227	208	186	158	124	5"	82	2363	8"			
SS7A 16	60168028	63	85	307	297	287	275	260	243	222	198	169	133	5"	86	2491	8"			
SS7A 17	60168029	75	100	327	316	305	292	276	258	236	210	179	141	5"	89	2619	8"			
SS7A 18	60168030	75	100	346	334	323	309	292	273	250	223	190	149	5"	93	2747	8"			
SS7A 19	60168031	75	100	365	353	341	326	309	288	264	235	200	158	5"	97	2875	8"			
SS7A 20	60168032	75	100	384	371	359	343	325	303	278	248	211	166	5"	101	3003	8"			
SS7A 21	60168033	75	100	404	390	377	360	341	318	292	260	221	174	5"	105	3131	8"			
SS7A 22	60168034	92	125	423	408	395	378	357	334	306	272	232	182	5"	109	3259	8"			

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

SS7

7" SUBMERSIBLE PUMPS



SS7B HYDRAULIC PART

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA		HYDRAULIC DATA											DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING
		P2 NOMINAL REQUESTED		Q=m³h	0,0	20,0	40,0	50,0	60,0	70,0	80,0	90,0	100,0	115,0				
		KW	HP	Q=l/sec	0,0	5,6	11,1	13,9	16,7	19,4	22,2	25,0	27,8	31,9				
SS7B 01	60168045	5,5	7,5	H (mt)	21	21	20	20	19	18	17	16	14	11	5"	26	571	6"
SS7B 02	60167460	11	15		43	43	41	39	38	36	34	32	28	21	5"	30	699	6"
SS7B 03	60167461	15	20		64	64	61	59	56	54	51	47	43	32	5"	34	827	6"
SS7B 04	60168035	22	30		85	86	81	78	75	72	68	63	57	43	5"	38	955	6"
SS7B 05	60167462	30	40		106	107	101	98	94	90	85	79	71	54	5"	42	1083	6"
SS7B 06	60167463	37	50		128	128	122	117	113	108	102	95	85	64	5"	46	1211	6"
SS7B 07	60168036	37	50		149	150	142	137	132	126	119	111	100	75	5"	50	1339	6"
SS7B 08	60167464	45	60		170	171	162	156	150	144	136	126	114	86	5"	54	1467	8"
SS7B 09	60168037	45	60		192	193	183	176	169	162	153	142	128	96	5"	58	1595	8"
SS7B 10	60167482	55	75		213	214	203	196	188	180	170	158	142	107	5"	62	1723	8"
SS7B 11	60168038	63	85		234	235	223	215	207	197	187	174	157	118	5"	66	1851	8"
SS7B 12	60167483	75	100		256	257	243	235	225	215	204	190	171	128	5"	70	1979	8"
SS7B 13	60168039	75	100		277	278	264	254	244	233	221	206	185	139	5"	74	2107	8"
SS7B 14	60168040	75	100		298	300	284	274	263	251	238	221	199	150	5"	78	2235	8"
SS7B 15	60168041	92	125		319	321	304	293	282	269	255	237	214	161	5"	82	2363	8"
SS7B 16	60168042	92	125		341	342	325	313	301	287	272	253	228	171	5"	86	2491	8"
SS7B 17	60168043	92	125		362	364	345	332	319	305	289	269	242	182	5"	90	2619	8"
SS7B 18	60168044	110	150		383	385	365	352	338	323	306	285	256	193	5"	94	2747	8"
SS7B 19	60168046	110	150		405	407	385	372	357	341	323	300	271	203	5"	98	2875	8"
SS7B 20	60168047	110	150		426	428	406	391	376	359	340	316	285	214	5"	102	3003	8"

SS8

8" SUBMERSIBLE PUMPS



Multistage **semiaxial** submersible electric pumps for wells measuring 8" or above, able to generate a broad range of flow rates. These units are used extensively for lifting, distribution, and pressurisation in civil and industrial water systems, filling of booster pumps and tanks, fire-fighting systems and washing of irrigation systems.

Application with clean, non-aggressive water free from solids or abrasive substances.

Construction features of the pump

Pump body and impellers in pressed AISI 304 stainless steel.
Pump with check valve of low pressure loss.

For operation with inverter see the specifications of the coupled motor.

On request

- **Pump body:** in pressed AISI 316 stainless steel for use in aggressive water
- **Impellers:** in pressed AISI 316 stainless steel for use in aggressive water

Performance range

flow up to 210 m³/h and max head of 555 m

Max. quantity of sand/silt 50g/m³

Max. ambient temperature

30°C (50°C available on request)

Outlet connection diameter (inside threaded)
6"

Coupling with motors of 6", 8" or 10" depending on the required hydraulic power, and available in standard or stainless steel version:
6GF: encapsulated 6" submersible motor.
TR6: rewindable 6" submersible motor.
TR8: rewindable 8" submersible motor.
TR10: rewindable 10" submersible motor.

ACCESSORIES
PAG. 301

SS8A HYDRAULIC PART

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA		HYDRAULIC DATA											DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING	
		P2 NOMINAL REQUESTED		Q=m ³ /h	H (m)														
		KW	HP		Q=l/sec	0,0	30,0	70,0	80,0	90,0	100,0	110,0	120,0	130,0					140,0
SS8A 01	60168101	7,5	10	28	26	23	22	21	20	18	16	15	12	6"	32	686	6"		
SS8A 02	60168102	15	20	56	52	46	44	42	39	36	33	29	24	6"	38	842	6"		
SS8A 03	60168103	22	30	83	78	69	66	63	59	54	49	44	37	6"	45	997	6"		
SS8A 04	60168104	30	40	111	104	91	88	83	78	73	66	58	49	6"	51	1153	6"		
SS8A 05	60168105	37	50	139	129	114	110	104	98	91	82	73	61	6"	57	1309	6"		
SS8A 06	60168106	45	60	167	155	137	131	125	118	109	99	87	73	6"	64	1465	8"		
SS8A 07	60168107	55	75	194	181	160	153	146	137	127	115	102	86	6"	70	1620	8"		
SS8A 08	60168108	63	85	222	207	183	175	167	157	145	132	116	98	6"	76	1776	8"		
SS8A 09	60168109	75	100	250	233	206	197	188	176	163	148	131	110	6"	83	1932	8"		
SS8A 10	60168110	75	100	278	259	229	219	208	196	182	165	145	122	6"	89	2087	8"		
SS8A 11	60168117	92	125	305	285	252	241	229	216	200	181	160	135	6"	95	2243	8"		
SS8A 12	60168118	92	125	333	311	274	263	250	235	218	198	174	147	6"	101	2399	8"		
SS8A 13	60168119	92	125	361	337	297	285	271	255	236	214	189	159	6"	108	2554	8"		
SS8A 14	60168120	110	150	389	362	320	307	292	274	254	231	203	171	6"	114	2710	8"		
SS8A 15	60168121	110	150	416	388	343	329	313	294	272	247	218	184	6"	120	2866	8"		
SS8A 16	60168128	132	180	444	414	366	351	333	313	290	264	232	196	6"	127	3022	8"		
SS8A 17	60168129	132	180	472	440	389	373	354	333	309	280	247	208	6"	133	3177	10"		
SS8A 18	60168130	132	180	500	466	412	394	375	353	327	297	262	220	6"	139	3333	10"		
SS8A 19	60168131	147	200	527	492	435	416	396	372	345	313	276	233	6"	145	3489	10"		
SS8A 20	60168132	147	200	555	518	457	438	417	392	363	330	291	245	6"	152	3644	10"		

SS8

8" SUBMERSIBLE PUMPS



SS8B HYDRAULIC PART

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA		HYDRAULIC DATA										DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING	
		P2 NOMINAL REQUESTED		Q=m³h	0,0	40,0	70,0	90,0	120,0	130,0	140,0	150,0	160,0					170,0
		KW	HP	Q=l/sec	0,0	11,1	19,4	25,0	33,3	36,1	38,9	41,7	44,4					47,2
SS8B 01.B1	60168135	9,3	12,5	H (mt)	27	25	23	22	19	18	17	16	14	12	6"	32	686	6"
SS8B 01	60168136	11	15		33	31	28	27	24	23	21	19	17	14	6"	32	686	6"
SS8B 02.B2	60168137	18,5	25		54	50	46	44	39	37	34	32	28	24	6"	39	842	6"
SS8B 02	60168138	22	30		65	61	57	53	48	45	42	38	34	29	6"	39	842	6"
SS8B 03.B3	60168139	30	40		80	75	70	66	58	55	52	47	42	35	6"	45	997	6"
SS8B 03	60168140	37	50		98	92	85	80	71	68	63	58	51	43	6"	45	997	6"
SS8B 04	60168142	45	60		131	122	113	107	95	90	84	77	68	58	6"	52	1153	8"
SS8B 05.B3	60168143	55	75		146	136	126	119	106	100	94	86	76	64	6"	58	1309	8"
SS8B 05	60168144	55	75		163	153	142	134	119	113	105	96	85	72	6"	58	1309	8"
SS8B 06	60168149	75	100		196	183	170	160	143	135	126	115	102	87	6"	65	1465	8"
SS8B 07	60168151	75	100		228	214	198	187	166	158	147	135	119	101	6"	71	1620	8"
SS8B 08	60168153	92	125		261	245	227	214	190	180	168	154	136	115	6"	78	1776	8"
SS8B 09	60168154	110	150		294	275	255	240	214	203	189	173	153	130	6"	84	1932	8"
SS8B 10	60168155	110	150	326	306	283	267	238	225	210	192	171	144	6"	91	2087	8"	
SS8B 11	60168156	132	180	359	336	312	294	261	248	231	211	188	159	6"	97	2243	10"	
SS8B 12	60168157	132	180	392	367	340	320	285	270	252	231	205	173	6"	104	2399	10"	
SS8B 13	60168159	147	200	424	397	368	347	309	293	273	250	222	187	6"	110	2554	10"	

SS8C HYDRAULIC PART

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA		HYDRAULIC DATA										DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING	
		P2 NOMINAL REQUESTED		Q=m³h	0,0	50,0	70,0	90,0	110,0	130,0	150,0	170,0	190,0					210,0
		KW	HP	Q=l/sec	0,0	13,9	19,4	25,0	30,6	36,1	41,7	47,2	52,8					58,3
SS8C 01.B1	60169247	9,2	12,5	H (mt)	24	22	21	20	18	17	16	14	12	9	6"	34	686	6"
SS8C 01	60168162	11	15		30	28	26	24	23	22	20	18	15	11	6"	34	686	6"
SS8C 02.B2	60169248	18,5	25		48	44	42	39	37	34	32	28	23	17	6"	40	842	6"
SS8C 02	60168163	22	30		60	55	52	49	46	43	40	35	29	22	6"	40	842	6"
SS8C 03.B2	60169249	30	40		78	72	68	64	60	56	52	46	38	28	6"	47	997	6"
SS8C 03	60168165	37	50		90	83	78	73	69	65	60	53	44	32	6"	47	997	6"
SS8C 04	60168166	45	60		120	111	104	98	92	86	80	71	58	43	6"	53	1153	8"
SS8C 05	60168167	55	75		150	139	130	122	115	108	99	88	73	54	6"	60	1309	8"
SS8C 06.B3	60169462	63	85		162	150	141	132	124	116	107	95	79	58	6"	66	1465	8"
SS8C 06	60168168	75	100		180	166	156	147	138	129	119	106	88	65	6"	66	1465	8"
SS8C 07.B3	60169463	75	100		192	177	167	156	147	138	127	113	94	69	6"	73	1620	8"
SS8C 07	60168169	92	125		210	194	182	171	161	151	139	124	102	76	6"	73	1620	8"
SS8C 08	60168170	92	125		240	222	208	195	184	172	159	141	117	87	6"	79	1776	8"
SS8C 09	60168171	110	150		270	249	234	220	207	194	179	159	132	97	6"	86	1932	8"
SS8C 10	60168172	110	150		300	277	260	244	230	215	199	176	146	108	6"	92	2087	8"
SS8C 11	60168173	132	180		330	305	286	269	253	237	219	194	161	119	6"	99	2243	8"
SS8C 12	60168174	147	200	360	333	312	293	276	259	239	212	175	130	6"	105	2399	8"	
SS8C 13	60168176	147	200	390	360	338	318	299	280	258	229	190	141	6"	112	2554	8"	
SS8C 14	60169464	170	230	420	388	364	342	322	302	278	247	205	152	6"	118	2710	10"	
SS8C 15	60169465	190	260	450	416	390	366	345	323	298	265	219	162	6"	124	2866	10"	
SS8C 16	60169466	190	260	480	443	416	391	368	345	318	282	234	173	6"	131	3022	10"	

SS10

10" SUBMERSIBLE PUMPS



Multistage **semiaxial** submersible electric pumps for wells measuring 10" or above, able to generate a broad range of flow rates. These units are used extensively for lifting, distribution, and pressurisation in civil and industrial water systems, filling of booster pumps and tanks, fire-fighting systems and washing of irrigation systems.

Application with clean, non-aggressive water free from solids or abrasive substances.

Construction features of the pump

Pump body and impellers in pressed AISI 304 stainless steel.
Pump with check valve of low pressure loss.

For operation with inverter see the specifications of the coupled motor.

On request

- **Pump body:** in pressed AISI 316 stainless steel for use in aggressive water.
- **Impellers:** in pressed AISI 316 stainless steel for use in aggressive water

Performance range

flow up to 290 m³/h and max head of 385 m

Max. quantity of sand/silt 50g/m³

Max. ambient temperature

30°C (50°C available on request)

Outlet connection diameter (inside threaded)
6"

Coupling with motors of 6", 8" or 10" depending on the required hydraulic power, and available in standard version or a version completely in stainless steel.

6GF: encapsulated 6" submersible motor.

TR6: rewindable 6" submersible motor.

TR8: rewindable 8" submersible motor.

TR10: rewindable 10" submersible motor.

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SS10A HYDRAULIC PART

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA		HYDRAULIC DATA											DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING
		P2 NOMINAL REQUESTED		Q=m ³ /h	0,0	50,0	100,0	140,0	180,0	200,0	220,0	240,0	260,0	290,0				
		KW	HP	Q=l/min	0,0	13,9	27,8	38,9	50,0	55,6	61,1	66,7	72,2	80,6				
SS10A 01.B1	60168180	15	20	H (mt)	29	27	25	22	20	19	18	16	15	11	6"	44	794	6"
SS10A 01	60169211	18,5	25		39	36	33	30	27	25	24	22	19	15	6"	44	794	6"
SS10A 02.B2	60169212	30	40		58	54	49	44	40	37	35	32	29	22	6"	55	970	6"
SS10A 02	60168182	37	50		77	72	66	59	53	50	47	44	39	30	6"	55	970	6"
SS10A 03.B3	60169467	45	60		87	81	74	66	59	56	53	49	44	34	6"	66	1147	8"
SS10A 03.B1	60169468	55	75		106	99	91	81	73	69	65	60	53	41	6"	66	1147	8"
SS10A 03	60169469	63	85		116	108	99	89	80	75	71	65	58	45	6"	66	1147	8"
SS10A 04.B2	60169470	75	100		135	126	115	103	93	88	82	76	68	53	6"	76	1323	8"
SS10A 04	60168185	75	100		155	145	132	119	106	100	94	87	78	60	6"	76	1323	8"
SS10A 05	60168186	92	125		194	181	165	148	133	125	118	109	97	75	6"	87	1499	8"
SS10A 06	60168187	110	150	232	217	198	178	159	151	141	131	117	91	6"	98	1675	8"	
SS10A 07	60168188	132	180	271	253	231	207	186	176	165	152	136	106	6"	109	1851	8"	
SS10A 08	60168189	147	200	310	289	264	237	212	201	189	174	156	121	6"	119	2028	10"	
SS10A 09	60168190	170	230	349	325	298	267	239	226	212	196	175	136	6"	130	2204	10"	
SS10A 10	60168191	190	260	387	362	331	296	265	251	236	218	195	151	6"	141	2380	10"	

SMC6

6" SUBMERSIBLE PUMPS



Multistage semiaxial submersible electric pumps for wells measuring 6" or above, able to generate a broad range of flow rates and heads. They are used extensively for the lifting, distribution and pressurisation of industrial water systems, the supply of booster pumps and tanks, firefighting systems and irrigation systems. Application with clean, non-aggressive water free from solids or abrasive substances.

Construction features of the pump

Cast iron pump body treated with cathodolysis paint coating and dynamically balanced impellers in microcast AISI 304 stainless steel coupled on the shaft with pull tab. Shaft guided with coaxial bush bearings and fully protected with bushes.

Pump with check valve of low pressure loss. Threaded delivery port.

Refer to the technical data sheets of the specific model for the electrical characteristics of the coupled motors and the specifications for operation with inverter.

The SMN version completely in AISI 316 stainless steel is available on request.

Operating range

up to 84 m³/h with head up to 452 m.

Pumped liquid clean, free of solids and abrasives, chemically neutral, with properties similar to water.

Starts/hour see the coupled motor

Cooling flow see the coupled motor

Maximum permitted amount of sand

40 g/m³

Ambient temperature 30 °C

Minimum recommended level on suction

line 1 m

Installation horizontal or vertical

Coupling with motors of 4", 6" or 8" depending on the required hydraulic power, and available in standard version or a version completely in stainless steel.

4GG: encapsulated 4" submersible motor.

4OL: 4" submersible motor in oil bath.

6GF: encapsulated 6" submersible motor.

TR6: rewindable 6" submersible motor.

TR8: rewindable 8" submersible motor.

ACCESSORIES
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SMC6 30 HYDRAULIC PART

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA		HYDRAULIC DATA														DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING
		P2 NOMINAL REQUESTED		Q=m ³ h	0	9	12	15	18	21	24	27	30	33	36	42					
		kW	HP	Q=l/min	0	150	200	250	300	350	400	450	500	550	600	700					
SMC6 30/4E	60177213	5,5	7,5	H (mt)	66,5	63	62	60,5	59	57	54,5	51,5	47,5	42,5	36,5	23	2½"	28	634	4"	
SMC6 30/5E	60177214	7,5	10		83	79	77	75,5	73,5	71	68	64	59	53	45	28,5	2½"	33	710	6"	
SMC6 30/7G	60177215	9,2	12,5		113	107,5	105,5	102,5	99	95,5	90	84	76,5	67,5	56,5	32,5	2½"	42	875	6"	
SMC6 30/8E	60177216	11	15		133	126	123,5	120,5	117,5	113,5	108,5	102	94	84	71,5	45	2½"	46	958	6"	
SMC6 30/10F	60177217	15	20		161,5	150,5	148	144,5	140,5	136	129	120	109	96	79,5	49	2½"	55	1123	6"	
SMC6 30/11E	60177218	15	20		182,5	171	167,5	164	159,5	154,5	147	137,5	125,5	111	93	58	2½"	60	1205	6"	
SMC6 30/12E	60177219	18,5	25		199,5	186,5	183	178,5	174	168,5	160	149,5	136,5	121	101,5	63,5	2½"	65	1288	6"	
SMC6 30/14E	60177220	18,5	25		232,5	217,5	213,5	208,5	203	196,5	187	174,5	159,5	141	118	73,5	2½"	74	1453	6"	
SMC6 30/15E	60177221	22	30		249	233	228,5	223,5	217,5	210,5	200	187	170,5	151	126,5	79	2½"	78	1535	6"	
SMC6 30/17F	60177222	22	30		274,5	256	251,5	245,5	239	230,5	219	204	185	162,5	135	82	2½"	88	1700	6"	
SMC6 30/20F	60177223	30	40		322,5	304	297,5	290	282	272,5	259	240,5	217,5	189	155	92,5	2½"	101	1948	6"	
SMC6 30/22E	60177224	30	40		361	339	332	325	318	306	291	271,5	246	215	177	106,5	2½"	110	2113	6"	
SMC6 30/25F	60177225	37	50		403	380	372	362,5	352,5	340,5	323,5	301	271,5	236	193,5	115,5	2½"	124	2360	6"	
SMC6 30/28F	60177226	37	50		451,5	425,5	416,5	405,5	394,5	381,5	362	337	304	264,5	216,5	129	2½"	138	2608	6"	

SMC6

6" SUBMERSIBLE PUMPS



SMC6 45 HYDRAULIC PART

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA		HYDRAULIC DATA													DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING
		P2 NOMINAL REQUESTED		Q=m³h	0	12	18	24	30	36	42	45	48	54	60	66				
		KW	HP	Q=l/min	0	200	300	400	500	600	700	750	800	900	1000	1100				
SMC6 45/3H	60177227	4	5,5	H (m)	39	35,5	33,5	32	30,5	28,5	26	24,5	23	18,5	14	9	3"	26	664	4"
SMC6 45/4H	60177228	5,5	7,5		52	47,5	45	43	41	38,5	35	33	30,5	25,5	19	13	3"	31	773	4"
SMC6 45/5G	60177229	7,5	10		70	64	61,5	59,5	57	54	49,5	47	44	37,5	29,5	20	3"	37	888	6"
SMC6 45/6F	60177230	9,2	12,5		85,5	78,5	75	72,5	69,5	66	60,5	57,5	53,5	45	35	24,5	3"	42	1003	6"
SMC6 45/7E	60177231	11	15		101	95,5	92	89	85	80	72,5	68,5	64	53,5	41,5	28,5	3"	47	1118	6"
SMC6 45/8E	60177232	15	20		116	110	106,5	103	99	93	85	80,5	75	63	48	31,5	3"	53	1233	6"
SMC6 45/10F	60177233	15	20		140,5	130	124,5	119,5	114,5	108	99	93,5	87,5	73,5	57	39,5	3"	64	1463	6"
SMC6 45/11F	60177234	18,5	25		154,5	143	137	131,5	125,5	118,5	108,5	102,5	96	80,5	62,5	43,5	3"	69	1578	6"
SMC6 45/12F	60177236	18,5	25		168,5	156	149	143,5	137	129,5	118,5	112	104,5	87,5	68	47	3"	74	1693	6"
SMC6 45/13F	60177237	22	30		182,5	168,5	161,5	155,5	148,5	140	128	121	113	95	73,5	51	3"	80	1808	6"
SMC6 45/14E	60177238	22	30		201,5	190,5	183,5	177	169	159	144,5	136	126,5	105,5	81,5	57	3"	85	1923	6"
SMC6 45/17F	60177239	30	40		238,5	220,5	211	203	194	183	167,5	158	147,5	123,5	95,5	66	3"	101	2268	6"
SMC6 45/20F	60177240	30	40		280,5	259,5	248,5	238,5	228	215	196,5	186	173,5	145,5	112	75	3"	117	2613	6"
SMC6 45/22G	60177241	37	50		308	284,5	274	263	250	234	212,5	200,5	187	157	121	78,5	3"	128	2843	6"
SMC6 45/24F	60177242	37	50		336,5	311	298	286	273,5	258	236	222,5	208	174	134,5	93	3"	139	3073	6"

SMC6 60 HYDRAULIC PART

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA		HYDRAULIC DATA													DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING
		P2 NOMINAL REQUESTED		Q=m³h	0	18	30	36	42	48	54	60	66	72	78	84				
		KW	HP	Q=l/min	0	300	500	600	700	800	900	1000	1100	1200	1300	1400				
SMC6 60/2G	60177243	4	5,5	H (m)	26,5	24,5	23,5	22,5	21,5	20	18,5	16	14	11	8	5	3"	21	549	4"
SMC6 60/3G	60177244	5,5	7,5		39,5	37	35,5	34	32,5	30,5	28	24,5	21	17	13	8	3"	26	664	4"
SMC6 60/4G	60177245	7,5	10		52	50,5	48,5	47	45	42	39	34,5	30	25	19,5	13	3"	31	773	6"
SMC6 60/5G	60177246	9,2	12,5		65	63	60,5	58,5	56	52,5	48,5	43	37	31	24	16	3"	37	888	6"
SMC6 60/6G	60177247	11	15		78	75,5	72,5	70	67,5	63	58	51,5	44,5	36,5	28	18,5	3"	42	1003	6"
SMC6 60/7E	60177248	15	20		94,5	89	83,5	81	77,5	72,5	67	59,5	51	42	32	22,5	3"	47	1118	6"
SMC6 60/8E	60177249	15	20		108	101,5	95,5	92,5	88,5	83	76,5	68	58,5	47,5	36,5	25,5	3"	53	1233	6"
SMC6 60/9E	60177250	18,5	25		121,5	114	107,5	104	99,5	93	86	76	65,5	53,5	41	28	3"	58	1348	6"
SMC6 60/10E	60177251	18,5	25		135	126,5	119,5	115,5	110,5	103,5	95,5	84,5	72,5	59	45	31	3"	64	1463	6"
SMC6 60/11E	60177252	22	30		148	139,5	131,5	127	121,5	113,5	104,5	93	79,5	65	49,5	34	3"	69	1578	6"
SMC6 60/12E	60177253	22	30		161,5	152	143	138,5	132,5	124	114	101	87	70,5	54	36,5	3"	74	1693	6"
SMC6 60/14E	60177254	30	40		188,5	178,5	169,5	163,5	156,5	146	134	119,5	103,5	85,5	66,5	44,5	3"	85	1923	6"
SMC6 60/16E	60177255	30	40		215,5	204	193,5	187	178,5	166,5	153	136,5	118	97,5	75,5	50,5	3"	96	2153	6"
SMC6 60/18F	60177256	37	50		238	225	213,5	206	196,5	183	167	148,5	128	105	80	52,5	3"	106	2383	6"
SMC6 60/20E	60177257	37	50		269,5	255	242	233,5	223	208	191,5	170	147	121,5	94	62,5	3"	117	2613	6"
SMC6 60/24E	60177258	45	60		323,5	306	290	280	267,5	249,5	229,5	204	176,5	145,5	112	74,5	3"	139	3073	6"

SMC8

8" SUBMERSIBLE PUMPS



Multistage semiaxial submersible electric pumps for wells measuring 8" or above, able to generate a broad range of flow rates and heads. They are used extensively for the lifting, distribution and pressurisation of industrial water systems, the supply of booster pumps and tanks, firefighting systems and irrigation systems. Application with clean, non-aggressive water free from solids or abrasive substances.

Construction features of the pump

Cast iron pump body treated with cathaphoresis paint coating and dynamically balanced impellers in microcast AISI 304 stainless steel coupled on the shaft with pull tab. Shaft guided with coaxial bush bearings and fully protected with bushes.

Pump with check valve of low pressure loss. Threaded delivery port.

Refer to the technical data sheets of the specific model for the electrical characteristics of the submersible motors and the specifications for operation with inverter.

The SMN version completely in AISI 316 stainless steel is available on request.



Operating range

up to 192 m³/h with head up to 488 m.

Pumped liquid clean, free of solids and abrasives, chemically neutral, with properties similar to water.

Start-ups/hour see the coupled motor

Cooling flow see the coupled motor

Maximum permitted amount of sand

40 g/m³

Ambient temperature 30 °C

Minimum recommended level on suction line 1,5 m.

Installation horizontal or vertical

Coupling with motors of 6" or 8" depending on the required hydraulic power, and available in standard version or a version completely in stainless steel.

6GF: encapsulated 6" submersible motor.

TR6: rewindable 6" submersible motor.

TR8: rewindable 8" submersible motor.

ACCESSORIES
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SMC8 60 HYDRAULIC PART

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA		HYDRAULIC DATA															DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING
		P2 NOMINAL REQUESTED	Q=m ³ /h	0	24	30	36	42	48	54	60	66	72	78	84	90						
				Q=l/min	0	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500					
SMC8 60/1D	60177259	4	5,5	23,5	20	19,5	19	18,5	18	17	16,5	15	14	12,5	11	9,5	5"	32	551	6"		
SMC8 60/2I	60177260	5,5	7,5	38	32,5	31,5	30	28,5	27,5	25,5	23,5	21	17,5	14	10,5	7	5"	42	687	6"		
SMC8 60/2F	60177261	7,5	10	47	41	39,5	38,5	37	36	34	32	29,5	27	24	21	18,5	5"	42	687	6"		
SMC8 60/3G	60177262	9,2	12,5	62,5	54,5	53,5	52	50	48	45,5	42,5	38,5	33,5	29	24	19	5"	52	823	6"		
SMC8 60/3F	60177263	11	15	70	62	60,5	58,5	56	54	51,5	48,5	44,5	40,5	35,5	31,5	26	5"	53	823	6"		
SMC8 60/4H	60177264	11	15	79,5	69,5	68	65,5	62	58,5	54,5	50,5	45,5	40	35	28	21,5	5"	63	959	6"		
SMC8 60/4G	60177265	15	20	83	73	71	69	66,5	64	60,5	56,5	51	45	38,5	32	25,5	5"	63	959	6"		
SMC8 60/4F	60177266	15	20	93	82	80	78	75	72	68	64,5	59	53,5	47	41	35	5"	63	959	6"		
SMC8 60/5G	60177267	18,5	25	104	91	89	86,5	83	80	76	70,5	64	56	48	40	32	5"	74	1095	6"		
SMC8 60/5F	60177268	18,5	25	115	103	100	96,5	93	89	84	79	72,5	65	57	49,5	41,5	5"	74	1095	6"		
SMC8 60/6G	60177269	22	30	125	109	107	104	99,5	95,5	91	84,5	76,5	67,5	57,5	48	38,5	5"	84	1231	6"		
SMC8 60/6F	60177270	22	30	138	123	120	116	112	107	101	95	86,5	78	68,5	59,5	50	5"	85	1231	6"		
SMC8 60/7G	60177271	22	30	146	128	125	121	116	112	106	99	89,5	78,5	67	56	45	5"	95	1367	6"		
SMC8 60/8G	60177272	30	40	167	146	144	138	133	128	122	113	102	89,5	77	64	51	5"	105	1503	6"		
SMC8 60/8F	60177273	30	40	184	164	160	155	149	142	136	127	116	104	91,5	79,5	66,5	5"	106	1503	6"		
SMC8 60/9E	60177274	37	50	207	185	180	174	167	160	152	142	130	117	103	89,5	75	5"	117	1639	6"		
SMC8 60/10E	60177277	37	50	230	205	200	194	186	178	169	158	145	130	114	99	83,5	5"	128	1775	6"		
SMC8 60/11F	60177278	45	60	253	226	220	213	204	196	185	174	159	143	126	109	92	5"	140	1911	6"		
SMC8 60/11D	60177281	45	60	272	241	237	230	221	212	202	189	173	156	136	117	98	5"	140	1911	6"		
SMC8 60/12D	60177282	55	75	295	265	259	251	242	234	222	208	191	173	152	132	110	5"	150	2047	8"		
SMC8 60/13D	60177283	55	75	321	285	280	272	261	251	238	223	204	184	161	139	117	5"	161	2183	8"		
SMC8 60/14E	60177284	63	85	334	297	290	280	269	259	246	231	212	190	165	141	116	5"	172	2319	8"		
SMC8 60/15F	60177285	63	85	349	313	308	298	286	275	260	243	222	198	172	147	122	5"	182	2455	8"		
SMC8 60/15C	60177286	75	100	375	340	334	324	313	300	287	270	247	222	194	164	135	5"	183	2455	8"		
SMC8 60/15B	60177287	75	100	385	358	350	340	327	315	302	286	265	243	217	188	159	5"	184	2455	8"		
SMC8 60/16B	60177288	75	100	411	382	374	363	349	333	316	298	278	255	228	200	170	5"	195	2591	8"		
SMC8 60/18B	60177289	92	125	460	423	412	400	386	369	350	328	304	277	248	218	187	5"	216	2863	8"		
SMC8 60/19B	60177290	92	125	488	453	444	431	415	396	376	354	330	303	271	238	202	5"	227	2999	8"		

SMC8

8" SUBMERSIBLE PUMPS



SMC8 85 HYDRAULIC PART

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA		HYDRAULIC DATA														DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING
		P2 NOMINAL REQUESTED	Q=m³h	0	36	54	60	66	72	78	84	90	96	102	108	114					
		kW	HP	Q=l/min	0	600	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900				
SMC8 85/1A	60177291	5,5	7,5	H (m)	27	21,5	20	19,5	18,5	18	17,5	16,5	15,5	14,5	13	12	10,5	5"	32	551	6"
SMC8 85/2F	60177292	7,5	10		44	34,5	30,5	29,5	28	27	25	23	21	18,5	16,5	14	12,5	5"	41	687	6"
SMC8 85/2D	60177293	9,2	12,5		51	41	36,5	35	33,5	32,5	31,5	29,5	27	24,5	21,5	19	16	5"	42	687	6"
SMC8 85/3F	60177294	11	15		66	52	46	44	42	40	37,5	35	31,5	27,5	24,5	21,5	18	5"	52	823	6"
SMC8 85/3E	60177295	15	20		75	60,5	54,5	52,5	50	48,5	46	43,5	40	35,5	31,5	27,5	23	5"	52	823	6"
SMC8 85/3B	60177298	15	20		78,5	63	57	55	53	51	49	46,5	42,5	38,5	34	30	25	5"	52	823	6"
SMC8 85/4E	60177299	18,5	25		91	72	65	62,5	60	57	54	50	45,5	41	35,5	30	24,5	5"	63	959	6"
SMC8 85/4D	60177303	18,5	25		103	81,5	73	70	67	65	62,5	59	54	49	43,5	38	32,5	5"	63	959	6"
SMC8 85/4B	60177304	22	30		105	85,5	77	74	71	68,5	65,5	62,5	57,5	52	46,5	40,5	34,5	5"	63	959	6"
SMC8 85/5E	60177306	22	30		124	99	89	85	81,5	78,5	74,5	69,5	63	57	50	43,5	36,5	5"	73	1095	6"
SMC8 85/5A	60177307	30	40		136	113	102	98	94	91	87,5	83,5	77,5	70,5	63	56	48,5	5"	74	1095	6"
SMC8 85/6E	60177308	30	40		148	119	107	102	98	94	89,5	83	76	68	60	52	43,5	5"	84	1231	6"
SMC8 85/6B	60177309	30	40		157	128	116	111	107	103	98,5	93	85	77	68	59,5	50,5	5"	84	1231	6"
SMC8 85/7E	60177310	30	40		173	139	125	120	116	110	104	97,5	88,5	79,5	70	61	51	5"	94	1367	6"
SMC8 85/7D	60177311	37	50		178	145	131	126	121	116	111	105	95	85	75	65	54,5	5"	95	1367	6"
SMC8 85/8D	60177312	37	50		202	161	145	140	134	128	122	116	105	93,5	81,5	70	57	5"	105	1503	6"
SMC8 85/8C	60177313	45	60		212	173	157	151	146	141	135	128	118	106	94,5	83	70	5"	107	1503	8"
SMC8 85/9C	60177314	45	60		237	194	175	169	162	157	150	142	131	117	104	91	76,5	5"	117	1639	8"
SMC8 85/10C	60177315	55	75		267	218	196	189	182	176	170	162	150	137	122	106	90	5"	128	1775	8"
SMC8 85/11C	60177316	55	75		291	239	215	207	199	192	184	174	160	146	130	114	97	5"	138	1911	8"
SMC8 85/12D	60177317	63	85	304	251	227	218	209	201	193	182	167	150	132	114	95	5"	149	2047	8"	
SMC8 85/13E	60177318	63	85	329	262	236	227	217	208	198	188	170	152	133	114	93	5"	159	2183	8"	
SMC8 85/13C	60177319	75	100	336	281	257	247	237	229	219	206	190	172	153	134	114	5"	160	2183	8"	
SMC8 85/14C	60177320	75	100	359	301	276	265	255	245	234	221	203	183	163	142	120	5"	170	2319	8"	
SMC8 85/15C	60177321	75	100	385	322	294	284	273	263	251	237	218	196	174	152	129	5"	181	2455	8"	
SMC8 85/17C	60177322	92	125	436	365	333	322	310	298	285	269	246	222	197	173	146	5"	202	2727	8"	
SMC8 85/18C	60177323	92	125	462	387	353	340	328	315	301	285	261	235	209	183	154	5"	213	2863	8"	

SMC8 110 HYDRAULIC PART

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA		HYDRAULIC DATA														DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING
		P2 NOMINAL REQUESTED	Q=m³h	0	36	66	84	96	102	108	114	120	126	138	156						
		kW	HP	Q=l/min	0	600	1100	1400	1600	1700	1800	1900	2000	2100	2300	2600					
SMC8 110/2H	60177324	15	20	H (m)	47,5	42,5	39,5	37	35,5	34,5	33,5	32	30,5	28,5	24,5	17	5"	36	729	6"	
SMC8 110/3G	60177325	18,5	25		69,5	63	57,5	53	50,5	49	47	45	42	39,5	33	22	5"	46	886	6"	
SMC8 110/3B	60177326	22	30		76	69	64	60,5	57,5	56	54	51,5	49	46	39	27,5	5"	46	886	6"	
SMC8 110/4F	60177327	30	40		95	87,5	80,5	75,5	72	69,5	67	63,5	60	56	47,5	32,5	5"	56	1043	6"	
SMC8 110/5I	60177443	30	40		112,5	103,5	95	89	84	81,5	78	74	69,5	64,5	53,5	35,5	5"	66	1200	6"	
SMC8 110/5F	60177444	37	50		118	109,5	101,5	95,5	91	88	85	80,5	76	71	60,5	41,5	5"	66	1200	6"	
SMC8 110/6H	60177445	37	50		137,5	126	117	109,5	103,5	100	96	90,5	85	79	66	45	5"	76	1357	6"	
SMC8 110/6F	60177446	45	60		144,5	134	124,5	117,5	112	109	105,5	100,5	95	89	76	53,5	5"	76	1357	8"	
SMC8 110/6B	60177447	45	60		155,5	144	134,5	127	121	117,5	113,5	108,5	102,5	96,5	83	59,5	5"	76	1357	8"	
SMC8 110/7C	60177448	55	75		178,5	165,5	154	146	139	135	130,5	124,5	117,5	110	92,5	63,5	5"	86	1514	8"	
SMC8 110/9L	60177449	55	75		200,5	186	171,5	161,5	154	149	143	136	127,5	118,5	98,5	66	5"	106	1828	8"	
SMC8 110/9G	60177450	63	85		209	194,5	180	170	162	157	152	146	137,5	128,5	108,5	74,5	5"	106	1828	8"	
SMC8 110/9B	60177451	75	100		225,5	212	196,5	185,5	176,5	171,5	165,5	159,0	150,5	141,0	121,0	88,0	5"	106	1828	8"	
SMC8 110/10B	60177452	75	100		251,0	235,5	218	206	196	190,5	184	177	167,5	157	134,5	97,5	5"	116	1985	8"	
SMC8 110/11B	60177453	92	125		276	259	240	226,5	215,5	209,5	202,5	194,5	184	172,5	147,5	107,5	5"	126	2142	8"	
SMC8 110/13E	60177454	92	125		313	294	272	257	244,5	238	230	221	209	196,5	167,5	117,5	5"	146	2456	8"	
SMC8 110/14C	60177455	110	150		351	329,5	305,5	288,5	274,5	266,5	257,5	247,5	234	219,5	188	137	5"	156	2613	8"	
SMC8 110/15C	60177456	110	150		376	353	327,5	309	294	285,5	276	265,5	251	235,5	201,5	146,5	5"	166	2770	8"	

 SUBMERSIBLE PUMPS
AND SUBMERSIBLE MOTORS

SMC8

8" SUBMERSIBLE PUMPS



SMC8 135 HYDRAULIC PART

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA		HYDRAULIC DATA													DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING
		P2 NOMINAL REQUESTED		Q=m³h	0	36	72	96	108	120	132	144	156	168	180	192				
		KW	HP	Q=l/min	0	600	1200	1600	1800	2000	2200	2400	2600	2800	3000	3200				
SMC8 135/2M	60177457	15	20	H (m)	47,5	42	37,5	34,5	33	30,5	28	24,5	20,5	16	12	8,5	5"	43	729	6"
SMC8 135/2F	60177458	15	20		52	46	41	38,5	36,5	34,5	32	29	25	21	16,5	12	5"	43	729	6"
SMC8 135/2C	60177459	18,5	25		55	48,5	43,5	41	39	37	34,5	31	27	23	19	15,5	5"	43	729	6"
SMC8 135/3N	60177460	18,5	25		63,5	58,5	53,5	49	45,5	42	37	32	26	20	14		5"	55	886	6"
SMC8 135/3L	60177461	22	30		70	64	57,5	53	50,5	47	42,5	37,5	31,5	25	19	13,5	5"	55	886	6"
SMC8 135/3B	60177462	30	40		82,5	75	68,5	64	61	58	54,5	49,5	43	36	29,5	22	5"	55	886	6"
SMC8 135/4E	60177463	30	40		101	90	82	76,5	72,5	68,5	63	56,5	49,5	41,5	33	24	5"	67	1043	6"
SMC8 135/4C	60177464	37	50		106	95	88	82	78	73,5	68	61,5	54	45,5	36,5	26,5	5"	67	1043	6"
SMC8 135/5F	60177465	37	50		121,5	111	101,5	94	89	84	77,5	69	60	50	39,5	28	5"	79	1200	6"
SMC8 135/5E	60177466	45	60		128,5	118	108	100	95,5	90,5	84,5	77	68	58,5	47,5	35,5	5"	81	1200	8"
SMC8 135/6F	60177467	45	60		151	135,5	125	116	110,5	104	96,5	86,5	76	64	51,5	38	5"	93	1357	8"
SMC8 135/7G	60177468	55	75		176	159,5	147	137	130,5	123	114	102	89	75	60	44,5	5"	105	1514	8"
SMC8 135/7E	60177469	55	75		181	164	151,5	141,5	135,5	128	119	107	94	80	65	49,5	5"	105	1514	8"
SMC8 135/8G	60177470	63	85		201,5	182	168	156,5	149,5	140,5	130	117	102	85,5	68,5	51	5"	117	1671	8"
SMC8 135/9G	60177471	75	100		220	200,5	185	171,5	163	153,5	141,5	127	110,5	93	74	54	5"	129	1828	8"
SMC8 135/9C	60177472	75	100		238	219,5	201,5	187	178,5	169	158	143,5	128	110,5	91	69,5	5"	129	1828	8"
SMC8 135/11C	60177473	92	125		291	268,5	246,5	228,5	218	206,5	193	175,5	156,5	135	111	85	5"	154	2142	8"
SMC8 135/13C	60177474	110	150		343,5	317	291	270	258	244	228	207,5	185	159,5	131,5	100,5	5"	178	2456	8"

SMC10

10" SUBMERSIBLE PUMPS



Multistage semiaxial submersible electric pumps for wells measuring 10" or above, able to generate a broad range of flow rates and heads. They are used extensively for the lifting, distribution and pressurisation of industrial water systems, the supply of booster pumps and tanks, firefighting systems and irrigation systems. Application with clean, non-aggressive water free from solids or abrasive substances.

Construction features of the pump

Cast iron pump body treated with cathaphoresis paint coating and dynamically balanced impellers in microcast AISI 304 stainless steel coupled on the shaft with pull tab. Shaft guided with coaxial bush bearings and fully protected with bushes.

Pump with check valve of low pressure loss. Flanged delivery port and kit containing counter flange, bolts and gaskets.

Refer to the technical data sheets of the specific model for the electrical characteristics of the submersible motors and the specifications for operation with inverter.

The SMN version completely in AISI 316 stainless steel is available on request.

Operating range

up to 400 m³/h with head up to 453 m.

Pumped liquid clean, free of solids and abrasives, chemically neutral, with properties similar to water.

Start-ups/hour see the coupled motor

Cooling flow see the coupled motor

Maximum permitted amount of sand 40 g/m³

Ambient temperature 30 °C

Minimum recommended level on suction line 2 m

Installation horizontal or vertical

Coupling with motors of 6", 8" or 10" depending on the required hydraulic power, and available in standard version or a version completely in stainless steel.

6GF: encapsulated 6" submersible motor.

TR6: rewindable 6" submersible motor.

TR8: rewindable 8" submersible motor.

TR10: rewindable 10" submersible motor.

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SMC10 200 HYDRAULIC PART

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA		HYDRAULIC DATA												DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING	
		P2 NOMINAL REQUESTED		Q=m ³ h	0	60	84	108	132	150	168	180	192	210	234					258
		kW	HP	Q=l/min	0	1000	1400	1800	2200	2500	2800	3000	3200	3500	3900					4300
SMC10 200/1M	60177475	11	15		32	25,5	24	22	20,5	19	17,5	16,5	15	12,5	9		6"	66	687	6"
SMC10 200/1L	60177476	15	20		35,5	29	27	25,5	24	22,5	21	19,5	18	15,5	11,5	6,5	6"	66	687	6"
SMC10 200/1H	60177477	15	20		40	33	30,5	29	27	25,5	24	23	21,5	19	16	12	6"	66	687	6"
SMC10 200/1G	60177478	18,5	25		41	34	32	30	28	26,5	25	24	22,5	20	17	13	6"	66	687	6"
SMC10 200/1C	60177479	18,5	25		45	37	34,5	32,5	30,5	29	27,5	26	24,5	22	18,5	14	6"	66	687	6"
SMC10 200/1A	60177480	22	30		48	39	36,5	34,5	32,5	31,5	29,5	28,5	27	24	19,5	14	6"	66	687	6"
SMC10 200/2M	60177481	22	30		64	51,5	48	44,5	41	38,5	35,5	33	30	25,5	17,5		6"	92	847	6"
SMC10 200/2L	60177482	30	40		70,5	58,5	55	52	48,5	46	43	40,5	37,5	32,5	24	14,5	6"	92	847	6"
SMC10 200/2H	60177483	30	40		79,5	66	62	58,5	55	52	48,5	46	43	38	30	20,5	6"	92	847	6"
SMC10 200/2G	60177484	37	50		84	70,5	66,5	62,5	59	56	52,5	50	47	41,5	34	25	6"	92	867	6"
SMC10 200/2E	60177485	37	50		90	77	72	68	64	61	58	56	53	48	40,5	31	6"	92	867	6"
SMC10 200/2B	60177486	45	60		94,5	80	75,5	71,5	67,5	64,5	61	59	55,5	50,5	43	34,5	6"	92	867	8"
SMC10 200/3H	60177487	45	60		117	99	93,5	89	84	80	75,5	72	67,5	59,5	47,5	33	6"	118	1047	8"
SMC10 200/3G	60177488	55	75	H (mt)	130	110	104	98,5	93	88,5	84	80	75,5	67,5	56	42	6"	118	1047	8"
SMC10 200/3E	60177489	55	75		137	116,5	110	104,5	99	94,5	90	86,5	81,5	73,5	62,5	48,5	6"	118	1047	8"
SMC10 200/3B	60177490	63	85		143	122	115,5	109,5	104	99,5	94,5	91,5	86,5	78,5	67,5	54	6"	118	1047	8"
SMC10 200/4G	60177491	75	100		168,5	142,5	134,5	128	121	115	108,5	104	97,5	86,5	70,5	51	6"	162	1227	8"
SMC10 200/4D	60177492	75	100		183,5	156	148	141	133,5	128	121,5	117	110,5	100	84	65,5	6"	162	1227	8"
SMC10 200/5I	60177493	75	100		200	169	159,5	151,5	142,5	135,5	127,5	121,5	113,5	100,5	80	56,5	6"	187	1407	8"
SMC10 200/5F	60177494	92	125		224	192	180,5	171,5	163	157	150	144,5	137	124	104	80	6"	187	1583	8"
SMC10 200/6I	60177495	92	125		241	204,5	193,5	184,5	174,5	166,5	156,5	149,5	140	124	99	69	6"	213	1755	8"
SMC10 200/6F	60177496	110	150		269	230	216,5	205,5	195,5	188,5	180	173	164	149	124,5	96	6"	213	1671	8"
SMC10 200/7H	60177497	110	150		283	241,5	227,5	216,5	205,5	197	186,5	178,5	167	147,5	118	83	6"	239	1851	8"
SMC10 200/7E	60177498	132	180		319	271	256,5	244	231,5	222	211	203	192,5	174	148	116,5	6"	239	1851	10"
SMC10 200/8D	60177499	147	200		366,5	314	295,5	281	267	256,5	245	236,5	224,5	203,5	172,5	135,5	6"	264	2031	10"
SMC10 200/9D	60177500	170	230		412	353,5	332,5	316	300,5	288,5	275,5	266	252,5	229	194	152,5	6"	290	2211	10"
SMC10 200/10E	60177501	190	260		453	388	365	347	330	317	302	291,5	276,5	250	211	165	6"	316	2391	10"

SUBMERSIBLE PUMPS
AND SUBMERSIBLE MOTORS

SMC10

10" SUBMERSIBLE PUMPS



SMC10 320 HYDRAULIC PART

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA		HYDRAULIC DATA													DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING	
		P2 NOMINAL REQUESTED		Q=m³h	0	120	150	180	210	240	270	300	330	360	390	420					
		kW	HP	Q=l/min	0	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000					
SMC10 320/10	60177502	22	30	H (mt)	34	27,5	26,5	25,5	24,5	23,5	22	20	16,5	12,5			6"	64,5	703	6"	
SMC10 320/1M	60177503	30	40		36	29,5	28,5	27,5	27	26	25	22,5	19,5	16	12,5			6"	64,5	703	6"
SMC10 320/1F	60177504	30	40		40	32,5	31	30	29,5	28,5	27,5	26	23	19,5	15,5	10,5		6"	64,5	703	6"
SMC10 320/1D	60177505	37	50		43,5	34,5	33	32	31,5	31	30,5	29	26	22,5	18,5	14		6"	64,5	703	6"
SMC10 320/1B	60177506	37	50		46	37	35	34,5	33,5	33	32,5	31	28,5	25	21	16,5		6"	65,5	703	6"
SMC10 320/2P	60177507	45	60		62	52	50,5	49	47	44	40,5	35,5	29	22				6"	91	898	8"
SMC10 320/2N	60177508	45	60		67,5	57,5	55,5	53,5	51,5	49	45,5	41,5	36	29,5	22,5	14		6"	91	898	8"
SMC10 320/2M	60177509	55	75		71	61	59	57,5	55,5	53,5	50,5	46,5	41	34	27	19,5		6"	91	898	8"
SMC10 320/2H	60177510	55	75		72	64	61,5	60	58,5	56,5	54	50,5	45,5	38,5	31	21		6"	91	898	8"
SMC10 320/2D	60177511	63	85		77	67	65	63,5	62	60,5	58	54,5	49,5	43	35,5	27		6"	91	898	8"
SMC10 320/3I	60177512	75	100		106	93,5	90,5	88	85,5	82	77,5	71,5	63	53,5	42,5	31,5		6"	116	1177	8"
SMC10 320/3C	60177513	92	125		117,5	104,5	102	99	96	94	91	86	79,5	70	57	41		6"	116	1177	8"
SMC10 320/4G	60177514	110	150		150	134,5	130	126,5	123	119	113,5	106,5	96,5	84,5	71	56		6"	160	1372	8"
SMC10 320/4B	60177515	132	180		162	147	142,5	138,5	135	130,5	125,5	118,5	108,5	96,5	84,5	69,5		6"	160	1372	10"
SMC10 320/5L	60177516	132	180		181	162	157	152,5	148	142,5	136	127	114,5	99	81,5	63		6"	185,5	1568	10"
SMC10 320/5E	60177517	150	200		196	177,5	172	167	162,5	157	150,5	141,5	129	114,5	98	79,5		6"	185,5	1568	10"
SMC10 320/6G	60177518	170	230		225	201,5	195,5	190	184,5	178	170	160	145	127	106	83,5		6"	211	1763	10"
SMC10 320/7L	60177519	190	260		253,5	227	219,5	213,5	207	199,5	190	178	160	138,5	114,5	88,5		6"	236,5	1959	10"

SMC12

12" SUBMERSIBLE PUMPS



Multistage semiaxial submersible electric pumps for wells measuring 12" or above, able to generate a broad range of flow rates and heads. They are used extensively for the lifting, distribution and pressurisation of industrial water systems, the supply of booster pumps and tanks, firefighting systems and irrigation systems. Application with clean, non-aggressive water free from solids or abrasive substances.

Construction features of the pump

Cast iron pump body treated with cathodolysis paint coating and dynamically balanced impellers in microcast AISI 304 stainless steel coupled on the shaft with pull tab. Shaft guided with coaxial bush bearings and fully protected with bushes.

Pump with check valve of low pressure loss. Flanged delivery port and kit containing counter flange, bolts and gaskets.

Refer to the technical data sheets of the specific model for the electrical characteristics of the submersible motors and the specifications for operation with inverter.

The SMN version completely in AISI 316 stainless steel is available on request.



Operating range

up to 540 m³/h with head up to 320 m.

Pumped liquid clean, free of solids and abrasives, chemically neutral, with properties similar to water.

Start-ups/hour see the coupled motor

Cooling flow see the coupled motor

Maximum permitted amount of sand 40 g/m³

Ambient temperature 30 °C

Minimum recommended level on suction line 2.5 m

Installation horizontal or vertical

Coupling with motors of 8", 10" or 12" depending on the required hydraulic power, and available in standard version or a version completely in stainless steel.

TR8: rewindable 8" submersible motor.

TR10: rewindable 10" submersible motor.

TR12: rewindable 12" submersible motor.

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SMC12 360 HYDRAULIC PART

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA		HYDRAULIC DATA													DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING	
		P2 NOMINAL REQUESTED		Q=m ³ /h	0	180	210	240	270	285	300	315	330	360	390	420					450
		kW	HP	Q=l/min	0	3000	3500	4000	4500	4750	5000	5250	5500	6000	6500	7000					7500
SMC12 360/1A	60177520	45	60	H (mt)	55,5	46	44,5	43	41,5	40,5	39,5	38	36,5	33,5	29,5	25	20	7"	136	899	8"
SMC12 360/1B	60177521	55	75		63	51	49,5	48	46,5	46	45	44	42,5	39	35,5	31	26	7"	136	899	8"
SMC12 360/1C	60177522	75	100		65,5	54,5	53,5	52	50,5	49,5	49	48	46,5	44	40,5	37	33	7"	136	899	8"
SMC12 360/2A	60177523	75	100		100,5	85	82,5	79	75	72,5	69,5	66,5	62,5	53,5	43,5	33		7"	174	1099	8"
SMC12 360/2B	60177524	92	125		117,5	97,5	95	92	88,5	86,5	84	81	77,5	68,5	58,5	47		7"	174	1099	8"
SMC12 360/2C	60177525	110	150		130,5	107,5	105	102,5	99,5	98	96,5	94,5	91,5	85,5	77,5	68,5	57,5	7"	178	1124	8"
SMC12 360/3A	60177526	132	180		168,5	139	134	129,5	125	122	119,5	116,5	112	101,5	86,5	65		7"	217	1324	10"
SMC12 360/3B	60177527	150	200		185	153,5	149	144	139,5	137	134	131	127	117,5	104,5	87	61,5	7"	217	1324	10"
SMC12 360/4A	60177528	190	260		224,5	193	188	182,5	176	171,5	167	162	155,5	140	122,5	102		7"	255	1524	10"
SMC12 360/5A	60177529	220	300		295,5	237,5	230	221,5	213,5	207,5	201,5	193	183,5	163,5	138	105		7"	294	1724	12"
SMC12 360/5B	60177530	250	340		319,5	259	252	244,5	236	231	224,5	217,5	208	187,5	166,5	137,5	100	7"	294	1724	12"

SMC12 420 HYDRAULIC PART

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA		HYDRAULIC DATA												DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING		
		P2 NOMINAL REQUESTED		Q=m ³ /h	0	210	240	270	300	330	360	390	420	450	480					510	540
		kW	HP	Q=l/min	0	3500	4000	4500	5000	5500	6000	6500	7000	7500	8000					8500	9000
SMC12 420/1A	60177531	45	60	H (mt)	52	39,5	38	36,5	35	34	32,5	30,5	28,5	26	22,5	19	14	7"	134	899	8"
SMC12 420/1B	60177532	55	75		58,5	44,5	43	41,5	40	39	38	36,5	35	32,5	30	26,5	22	7"	134	899	8"
SMC12 420/2A	60177533	92	125		101,5	80,5	78	75,5	73	70,5	67,5	64,5	60,5	56	51,5	46	40,5	7"	170	1099	8"
SMC12 420/2B	60177534	110	150		114,5	90,5	88	85,5	83	80,5	77,5	74,5	71	66	61	54	46	7"	174	1124	8"
SMC12 420/3A	60177535	132	180		134	111	107,5	104	100,5	96,5	92,5	88	82	75,5	68	59,5	50,5	7"	211	1324	10"
SMC12 420/3B	60177536	150	200		156,5	124	120,5	117	114	110	106,5	102,5	97	90,5	83,5	75,5	66,5	7"	211	1324	10"
SMC12 420/4A	60177537	190	260		196	154	149,5	145	140,5	135,5	130	124	116,5	107,5	97	85,5	72	7"	247	1524	10"
SMC12 420/4B	60177538	220	300		221	173,5	169	165	161	156,5	152	147	139,5	131	121,5	110,5	96	7"	247	1524	12"
SMC12 420/5A	60177539	250	340		260,5	204	198	192,5	187	182	176,5	170,5	162	152	139	121,5	100	7"	284	1724	12"