

DOMINATOR 5

PUMPS FOR OPEN AND DRILLED WELLS



- 100% stainless steel
- Ready to use
- Automatic version with float switch

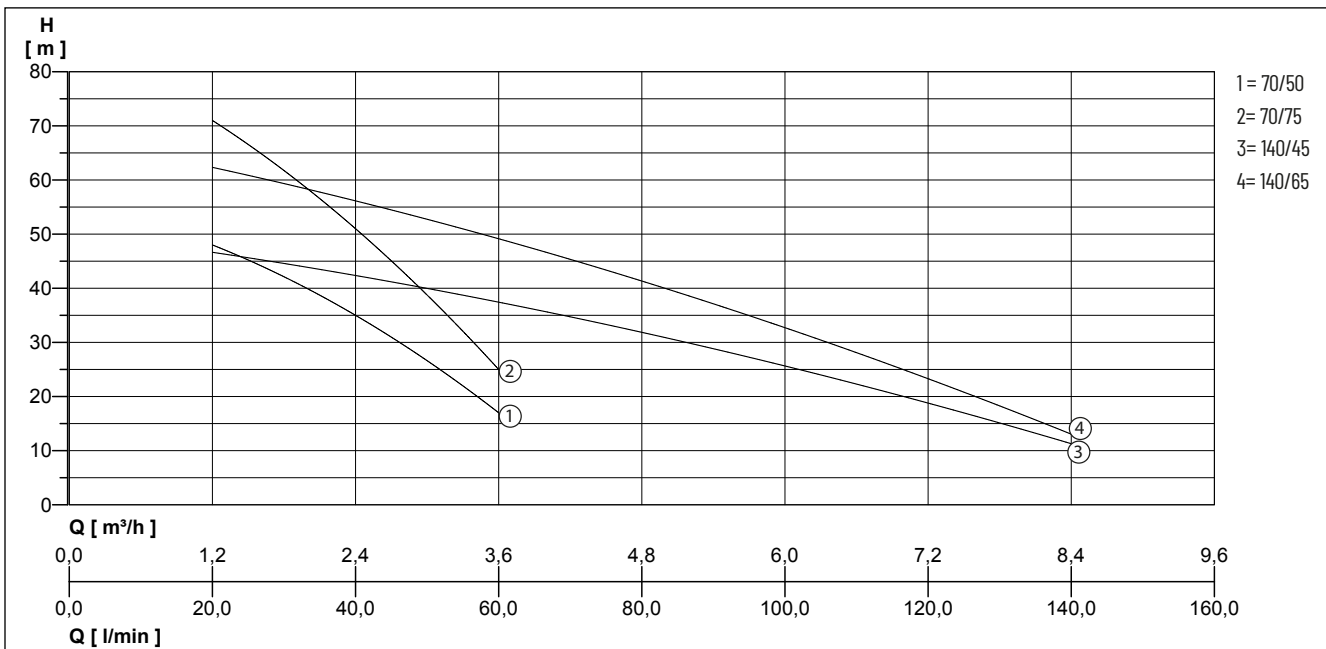
DESCRIPTION

DOMINATOR 5" submersible pumps are ready to use and install in traditional wells, water deposits, collection tanks, fresh water courses, lakes etc. Automatic version equipped with float switch.

APPLICATIONS

- Lifting of water from traditional wells
- Installations in tanks inside homes for the pressurization of systems.
- Small automatic systems for garden irrigation
- Surface irrigation

PERFORMANCE



We reserve the right to change specifications without notice. Pump performance is subject to ISO 9906 ISO 9906:2012 - Grade 3B tolerances.

Type	Flow rate Q [m³/h]	0	1.2	2.4	3.6	4.8	6	7.2	8.4
DOMINATOR 5" 70/50B M/T	Delivery head H [m]	55	48	35	17				
DOMINATOR 5" 70/75B M/T		78	71	51	25				
DOMINATOR 5" 140/45B M/T		50	47	42	37	32	26	19	11
DOMINATOR 5" 140/65B M/T		68	63	55	49	42	33	23	13

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MECHANICAL DATA

Bearing	Self-lubricating ball bearings.	Diffuser	Stainless steel X5CrNi18-10 (AISI 304)
Oil chamber	Yes	Mechanical seal	Graphite. Lubricated in oil chamber
Shaft	Stainless steel X5 CrNi 1810 (AISI 304)	Counterface	Aluminium oxide. Lubricated in oil chamber
Impeller	Stainless steel X5CrNi18-10 (AISI 304)	Type of liquid	clean water without suspended solids or abrasive material
Motor housing	Stainless steel	Temperature of the liquid max.	40 °C
Pump housing	Stainless steel X5 CrNi 1810 (AISI 304)	Suction height max	17 m
Submersible	Yes		

ELECTRICAL DATA

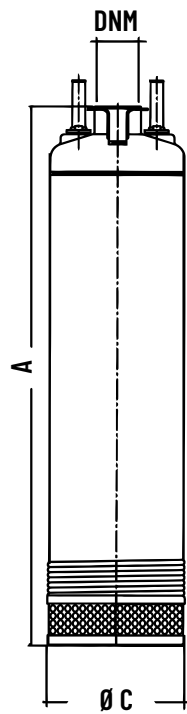
Power line	20m S07RN-F	Rotation speed	2850 rpm
Type of enclosure	IP 68	Motor cooling	gepumpte Flüssigkeit
Insulation class	F		

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Type	Code No.	Voltage	Motor rating		Current	Plug	Weight
			P1	P2			
DOMINATOR 5" 70/50B M	N3191230	1/N/PE~230 V	0.9 kW	0.6 kW	4.0 A	Safety	13.7 kg
DOMINATOR 5" 70/50B M AUT	N3191240	1/N/PE~230 V	0.9 kW	0.6 kW	4.0 A	Safety	13.7 kg
DOMINATOR 5" 70/50B T	N3191250	3/N/PE~400 V	0.9 kW	0.6 kW	1.8 A	Without	13.7 kg
DOMINATOR 5" 70/50B T	N3191260	3/N/PE~230 V	0.9 kW	0.6 kW	3.0 A	Without	13.7 kg
DOMINATOR 5" 70/75B M	N3191220	1/N/PE~230 V	1.3 kW	0.9 kW	6.0 A	Safety	15.5 kg
DOMINATOR 5" 70/75B M AUT	N3191270	1/N/PE~230 V	1.3 kW	0.9 kW	6.0 A	Safety	15.5 kg
DOMINATOR 5" 70/75B T	N3191290	3/N/PE~230 V	1.3 kW	0.9 kW	3.7 A	Without	15.5 kg
DOMINATOR 5" 70/75B T	N3191280	3/N/PE~400 V	1.3 kW	0.9 kW	2.1 A	Without	15.5 kg
DOMINATOR 5" 140/45B M	N3191210	1/N/PE~230 V	1.2 kW	0.8 kW	5.5 A	Safety	14.2 kg
DOMINATOR 5" 140/45B M AUT	N3191300	1/N/PE~230 V	1.2 kW	0.8 kW	5.5 A	Safety	14.2 kg
DOMINATOR 5" 140/45B T	N3191310	3/N/PE~230 V	1.2 kW	0.8 kW	3.8 A	Without	14.2 kg
DOMINATOR 5" 140/45B T	N3191320	3/N/PE~400 V	1.2 kW	0.8 kW	2.2 A	Without	14.2 kg
DOMINATOR 5" 140/65B M	N3191200	1/N/PE~230 V	1.6 kW	1.1 kW	7.2 A	Safety	15.8 kg
DOMINATOR 5" 140/65B M AUT	N3191330	1/N/PE~230 V	1.6 kW	1.1 kW	7.2 A	Safety	15.8 kg
DOMINATOR 5" 140/65B T	N3191340	3/N/PE~400 V	1.6 kW	1.1 kW	2.5 A	Without	15.8 kg
DOMINATOR 5" 140/65B T	N3191350	3/N/PE~230 V	1.6 kW	1.1 kW	4.4 A	Without	15.8 kg

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DIMENSIONS [mm]

Type	A	C	DNM
DOMINATOR 5" 70/50B M/T	475	132	1 1/4"
DOMINATOR 5" 70/75B M/T	530	132	1 1/4"
DOMINATOR 5" 140/45B M/T	495	132	1 1/4"
DOMINATOR 5" 140/65B M/T	550	132	1 1/4"

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