

SUBMERSIBLE MULTISTAGE
CENTRIFUGAL PUMP
FOR CLEAR WATER

The DOMINATOR 5" submersible pumps are suitable for installation in traditional wells, water deposits, collection tanks, clear watercourses, lakes etc.

Design Features

- Impellers and diffusers in AISI 304 stainless steel
- Stainless steel pump casing
- Suction grid and base in stainless steel
- Graphite mechanical seal, aluminium oxide counterface
- Oil chamber for seal lubrication
- Shaft in AISI 304 steel with ceramic facing at the points of wear
- 20 m H07 RN-F power supply cable with plug
- Built in capacitor
- Automatic version equipped with float switch

Motor

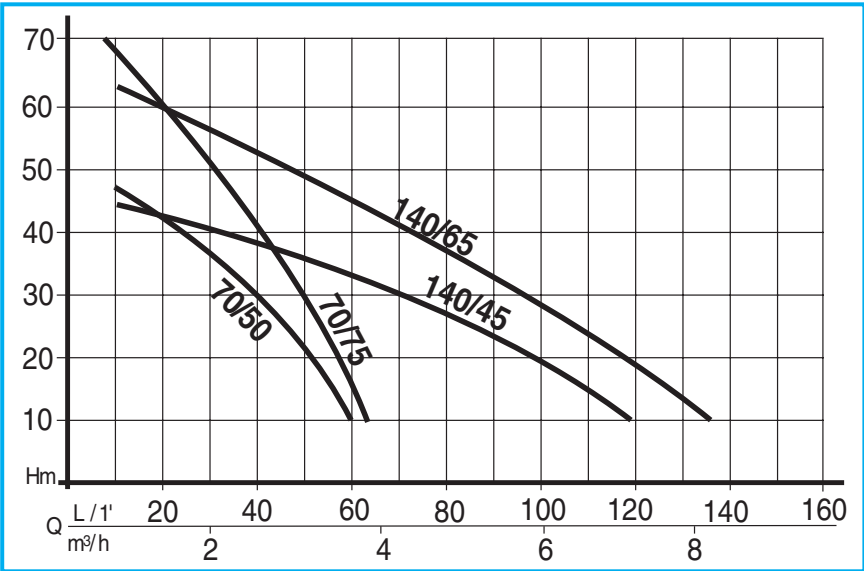
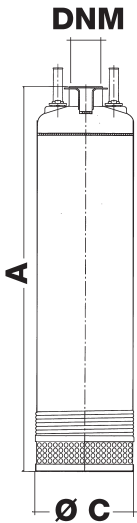
- Dry motor with stainless steel casing cooled by the pumped liquid
- Level of protection IP 68
- Class F insulation
- Single phase supply with capacitor permanently activated
- Thermal protection built into the motor winding
- Completely insulated cable connection chamber
- Self-lubricating ball bearings
- Speed of rotation 2850 rpm
- Suitable for continuous use

Usage Limitations

- Type of liquid: clean water with no suspended solids or abrasive material
- Maximum liquid temperature 40° C
- Maximum submersion under the water level 20 m

Applications

- Pumping of water from traditional wells
- Domestic tank installations for boosting domestic drinking water systems
- Small-scale automatic systems for garden irrigation
- Surface irrigation



Model	Dimensions mm.				Weight
	A	Ø C	Free Bore	DNM	Kg
DOMINATOR 5" - 70/50	470	132	2 mm	1 1/4"	13.7
DOMINATOR 5" - 70/75	520	132	2 mm	1 1/4"	15.5
DOMINATOR 5" - 140/45	495	132	2 mm	1 1/4"	14.2
DOMINATOR 5" - 140/65	550	132	2 mm	1 1/4"	15.8

CODE	MODEL	Nominal Power		Absorbed Power		VOLTAGE	Amp.	µF.	N° Stages	L/1' Q m³/h	Discharge Head in meters								PRICE
		HP	kW	HP	kW						0	20	40	60	80	100	120	140	
N3191000 N3191010 N3191080	D 5" - 70/50 D 5" - 70/50 AUT D 5" - 70/50	1	0.7	1.3	0.95	1 ~ 220 ÷ 240 V 3 ~ 400 V	4.5 1.8	16	6	Discharge Head in meters	50.6	42.5	29.3	7.5					
N3191020 N3191030 N3191090	D 5" - 70/75 D 5" - 70/75 AUT D 5" - 70/75	1.4	1	2	1.45	1 ~ 220 ÷ 240 V 3 ~ 400 V	6.5 2.1	20	9		75	60.7	41.4	17.2					
N3191040 N3191050 N3191100	D 5" - 140/45 D 5" - 140/45 AUT D 5" - 140/45	1.2	0.9	1.8	1.3	1 ~ 220 ÷ 240 V 3 ~ 400 V	5.5 2	16	5		45.8	43.3	38.4	33.3	28	21.8	15.2	7.4	
N3191060 N3191070 N3191110	D 5" - 140/65 D 5" - 140/65 AUT D 5" - 140/65	1.5	1.1	2.3	1.7	1 ~ 220 ÷ 240 V 3 ~ 400 V	7.5 2.6	20	7		64.5	60.2	53.5	46	38	27.9	18.2	7.6	