

4" SUBMERSIBLE MULTISTAGE CENTRIFUGAL PUMP FOR CLEAN WATER

The DOMINATOR 4" submersible pumps are suitable for installation in traditional wells, water deposits, collection tanks, clear watercourses, lakes etc.

Design Features

- Acetal resin impellers.
- Polycarbonate diffusers with ceramic insert at the point of wear.
- Polycarbonate diffuser caps with stainless steel inserts.
- Thrust bearing ring inserted in every stage.
- Noryl discharge head with 1 1/4" threaded stainless steel insert.
- Noryl base.
- Stainless steel suction screen.
- Stainless steel pump casing.
- Integrated no-return valve.
- Graphite mechanical seal, aluminium oxide counterface.
- Oil chamber for seal lubrication.
- Shaft in AISI 303 steel with ceramic facing at the points of wear.
- 20 m H07 RN-F power supply cable with plug.
- 20 m Nylon suspension cord.

Motor

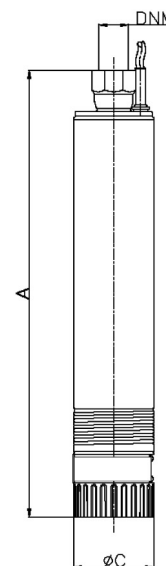
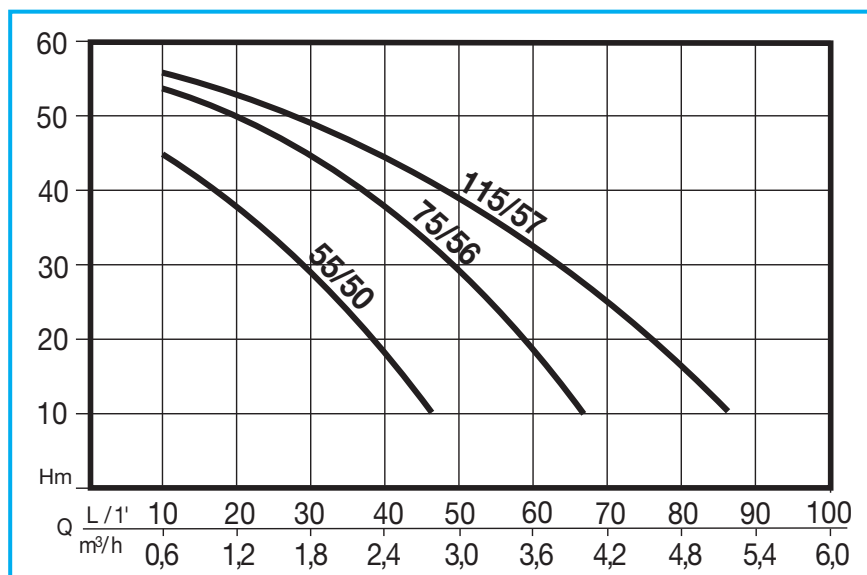
- Dry motor with stainless steel casing cooled by the pumped liquid.
- Level of protection IP 68.
- Class F insulation.
- Single phase supply with capacitor permanently activated.
- Thermal protection built into the motor winding.
- Completely insulated cable connection chamber.
- Self-lubricating ball 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				Weight
	A	Ø C	Free Bore	DNM	Kg.
DOMINATOR 4" - 55/50	549	98	2 mm	1 1/4"	8,8
DOMINATOR 4" - 75/56	643	98	2 mm	1 1/4"	9,6
DOMINATOR 4" - 115/57	643	98	2 mm	1 1/4"	9,9

CODE	MODEL	Nominal Power		Absorbed Power		VOLTAGE	Amp.	µF.	N° Stages	Q L/1' m³/h	0	20	40	60	80	PRICE €
		HP	kW	HP	kW						0	1.2	2.4	3.6	4.8	
N3200020	DOMINATOR 4" - 55/50 M	0,70	0,50	0,90	0,65	1 ~ 220 ÷ 240 V	3	16	6	Discharge Head in meters	50	38,7	17			
N3200010	DOMINATOR 4" - 75/56 M	0,80	0,60	1	0,75	1 ~ 220 ÷ 240 V	3,3	16	8		56	49,8	38,1	19		
N3200040	DOMINATOR 4" - 115/57 M	1	0,80	1,50	1,10	1 ~ 220 ÷ 240 V	5	16	8		57	52	44,4	31,5	16,6	