

NOCCHI DOMINATOR 4

4" MULTISTAGE CENTRIFUGAL SUBMERSIBLE PUMPS COMPLETE WITH MOTOR



HYDRAULIC SYSTEM RESISTANT TO THE SAND CORROSIVE ACTION, INTEGRATED NO-RETURN VALVE, BUILT-IN CAPACITOR

The DOMINATOR 4" submersible pumps are suitable for installation in traditional wells, water deposits, collection tanks, clear watercourses, lakes etc. Supplied with 20m nylon suspension cord.

APPLICATIONS

- Pumping of water from traditional wells.
- Small-scale automatic systems for garden irrigation.
- Surface irrigation.

USAGE LIMITATION

- Type of liquid: clean water with no suspended solids or abrasive material.
- Maximum liquid temperature 40°C.
- Maximum submersion under the water level 17 m.

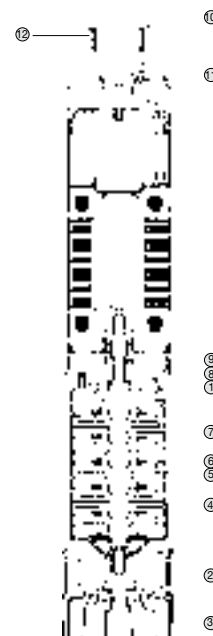
MOTOR

- 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.



DESIGN FEATURES

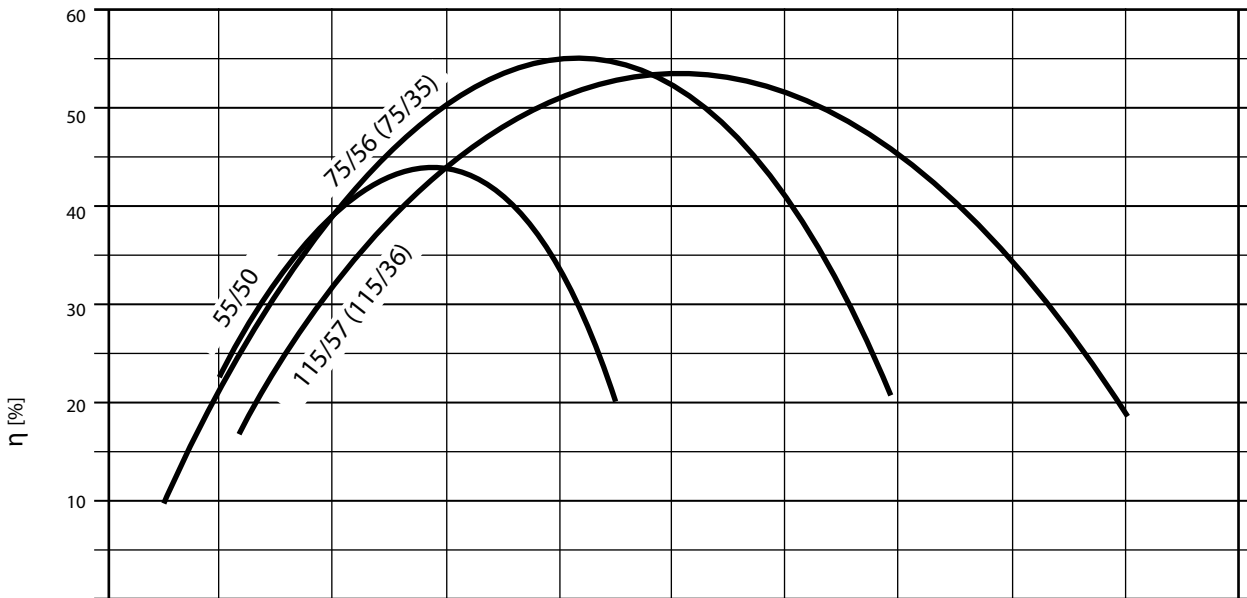
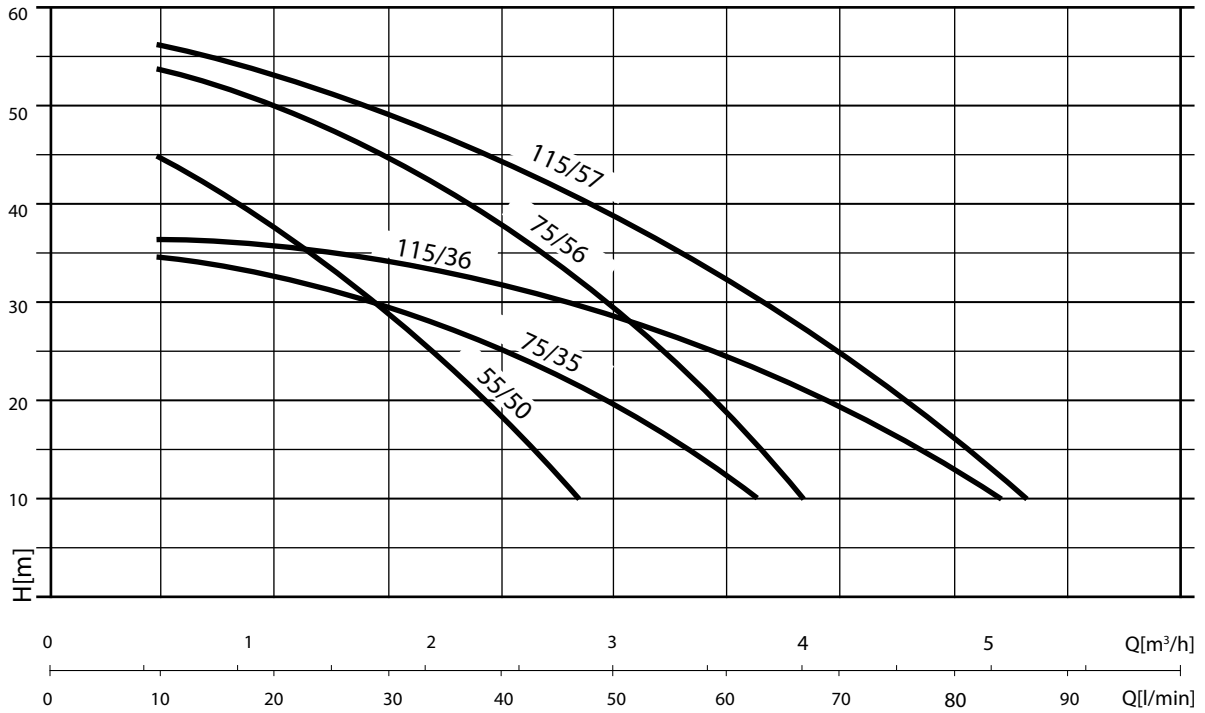
Component	Material
1 Pump body	X 5 CrNi 1810 (AISI 304) Stainless steel
2 Suction grid	X 16 CrNi 16 (AISI 431) Stainless steel
3 Base	Noryl GNF 2V
4 Impeller	Acetal resin
5 Diffuser	Polycarbonate with ceramic insert in the point of wear
6 Diffuser cap	Polycarbonate with stainless steel inserts in the point of wear
7 Motor shaft	Hexagonal, in X 10 CrNiS 1809 (AISI 303) stainless steel with ceramic insert at the point of wear. AISI 416 for the out of water parts.
8 Mechanical seal	Graphite
9 Counterface	Aluminum oxide
10 Power cable	20 m H07 RNF-F
11 No-return valve	Integrated - Plastic
12 Discharge head	Noryl con inserto filettato 1" 1/4
-	Thrust bearing ring inserted in every stage



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HYDRAULIC PERFORMANCE



MEI ≥ 0,1 - Benchmark MEI ≥ 0,70 - Information on benchmark efficiency is available at www.europump.org/efficiencycharts

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PUMP PERFORMANCE

MODEL	Nominal power (P2)		Motor power (P1)		VOLT	In (A)	μF	Q	L/1'	0	20	40	60	80
	HP	kW	HP	kW					m³/h	0	1,2	2,4	3,6	4,8
DOMINATOR 4" - 55/50 M	0,75	0,56	1,1	0,8	1 ~ 220 ÷ 240 V	3,8	16	m.c.a./m.c.w.	50	38,7	17			
DOMINATOR 4" - 75/35 M	0,50	0,35	0,80	0,60	1 ~ 220 ÷ 240 V	3	12,5		35	33	26	11		
DOMINATOR 4" - 75/56 M	0,80	0,60	1	0,75	1 ~ 220 ÷ 240 V	3,3	16		56	48,9	38,1	19		
DOMINATOR 4" - 115/36 M	0,55	0,40	1	0,75	1 ~ 220 ÷ 240 V	3,5	12,5		36	35	32	25	13	
DOMINATOR 4" - 115/57 M	1	0,80	1,50	1,10	1 ~ 220 ÷ 240 V	5	16		57	52	44,4	31,5	16,6	



TABLE OF SIZES AND WEIGHTS

MODEL	Dimensions mm.				Weight (Kg)
	A	ø C	Passaggio libero	DNM	
DOMINATOR 4" - 55/50	549	98	2 mm	1"1/4	8,8
DOMINATOR 4" - 75/35	560	98	2 mm	1"1/4	8,1
DOMINATOR 4" - 75/56	643	98	2 mm	1"1/4	9,6
DOMINATOR 4" - 115/36	560	98	2 mm	1"1/4	8,1
DOMINATOR 4" - 115/57	643	98	2 mm	1"1/4	9,9