

NOCCHI MULTINOX MULTISTAGE CENTRIFUGAL PUMP

AINI 304 STAINLESS STEEL OUTER SHELL, CAST IRON MOTOR BRACKET AND SUCTION FLANGE, SUITABLE FOR CONTINUOUS USE, DESIGNED FOR MINIMAL ELECTRICAL CONSUMPTION AND QUIET OPERATION

The horizontal multistage centrifugal MULTINOX pumps are suitable for developing a considerable pressure and flow rate with extremely silent operation and with a minimum electrical energy consumption.

MOTOR

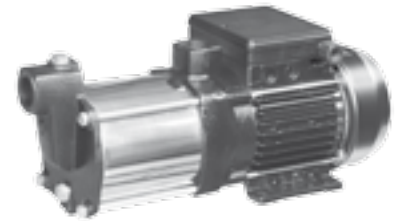
- Enclosed, externally ventilated.
- Level of protection IP 44.
- Class F insulation.
- Single phase power supply with capacitor permanently activated and thermal protection built into the motor winding.
- Three phase power supply with external protection provided by the user.
- Speed of rotation 2850 rpm.
- Suitable for continuous use.

APPLICATIONS

- Pumping and distribution of water in domestic systems.
- Booster systems.
- Firefighting systems .
- Washing systems.
- Irrigation

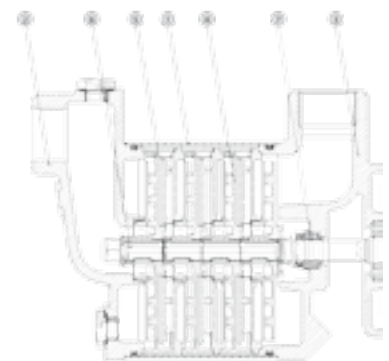
USAGE LIMITATIONS

- Type of liquid: clean water with no suspended solids or abrasive material.
- Maximum liquid temperature 50 °C.
- Maximum recommended suction height 6m with foot valve.
- Maximum operating pressure 9 bar.



DESIGN FEATURES

Component	Material
1 Outer liner (pump body)	X5 CrNi 1810 (AISI 304) Stainless steel
2 Suction flange	EN GJL 200 (ex G20) Cast iron
3 Motor bracket	EN GJL 200 (ex G20) Cast iron
4 Impeller	Technopolymer with stainless steel shim ring
5 Diffuser	Technopolymer
6 Shaft (hydraulic end)	X5 CrNi 1810 (AISI 304) Stainless steel
7 Mechanical seal	Graphite/Ceramic



NOCCHI MULTINOX

MULTISTAGE CENTRIFUGAL PUMPS

HYDRAULIC PERFORMANCE

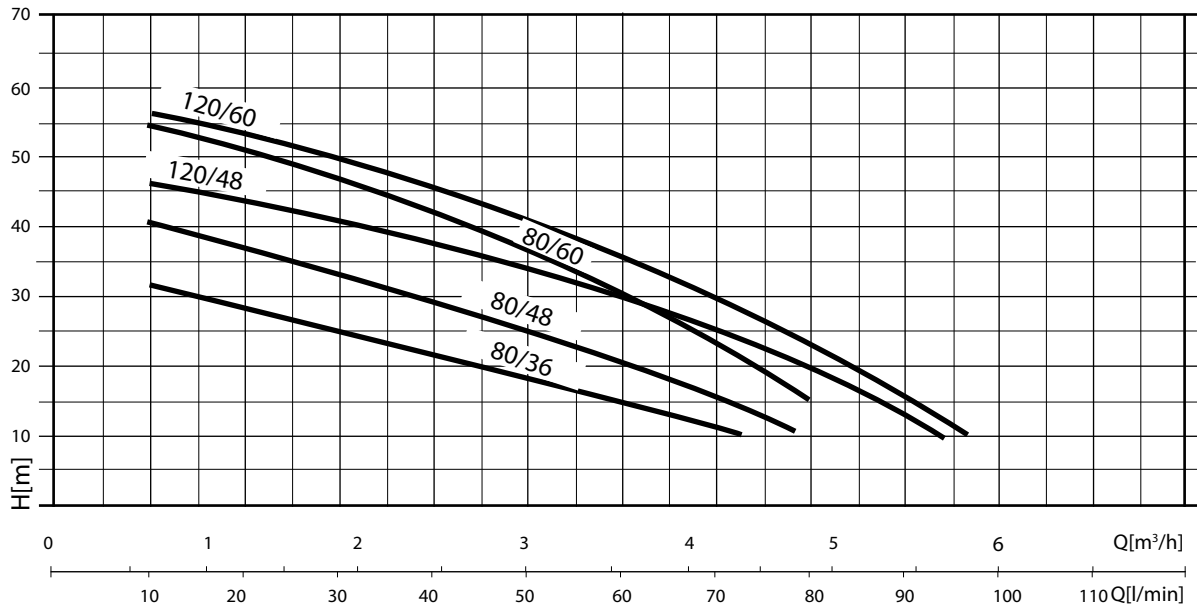


TABLE OF PERFORMANCE

MODEL	Power (P2)		Power (P1)		VOLT	In (A)	μF	Q	L/1'	0	20	60	100	140	180	
	HP	kW	HP	kW						0	1,2	3,6	6	8,4	10,8	
MULTINOX 80/36M MULTINOX 80/36T	0,60	0,45	0,9	0,65	1 ~ 230 V 3 ~ 230 ÷ 400 V	3 2,3-1,3	12,5	m.c.a. / m.c.w.	33	28	22	15	7			
MULTINOX 80/48M MULTINOX 80/48T	0,75	0,55	1,1	0,8	1 ~ 230 V 3 ~ 230 ÷ 400 V	3,8 2,7-1,6	12,5		43	37	29	20	9			
MULTINOX 80/60M MULTINOX 80/60T	1,00	0,75	1,5	1,25	1 ~ 230 V 3 ~ 230 ÷ 400 V	5,5 3-1,8	20		57	51	42	30	15			
MULTINOX 120/48M MULTINOX 120/48T	1,00	0,75	1,5	1,1	1 ~ 230 V 3 ~ 230 ÷ 400 V	4,7 3,3-1,9	16		48	43	37	29	20	4		
MULTINOX 120/60M MULTINOX 120/60T	1,20	0,9	1,7	1,25	1 ~ 230 V 3 ~ 230 ÷ 400 V	5,9 3,5-2	20		58	53	46	36	25	4		

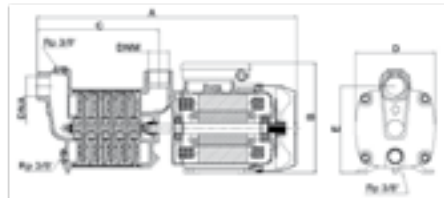


TABLE OF SIZES AND WEIGHTS

MODEL	Dimensions mm.							Weight (Kg)
	A	B	C	D	E	DNA	DNM	
MULTINOX 80/36	343	158	148	126	130	1"	1"	9,5
MULTINOX 80/48	389	176	171	126	138	1"	1"	11,7
MULTINOX 80/60	411	175	193	126	138	1"	1"	13,7
MULTINOX 120/48	389	175	171	126	138	1"	1"	13,1
MULTINOX 120/60	411	175	193	126	138	1"	1"	13,7