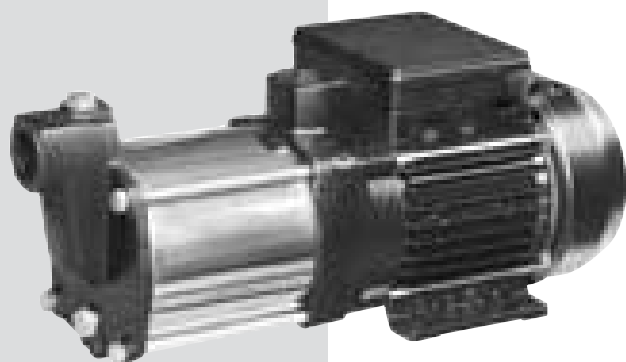




The horizontal multistage centrifugal MULTINOX pumps are suitable for developing a considerable pressure and flow rate with extremely silent operation and with a minimum electrical energy consumption.

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



Applications

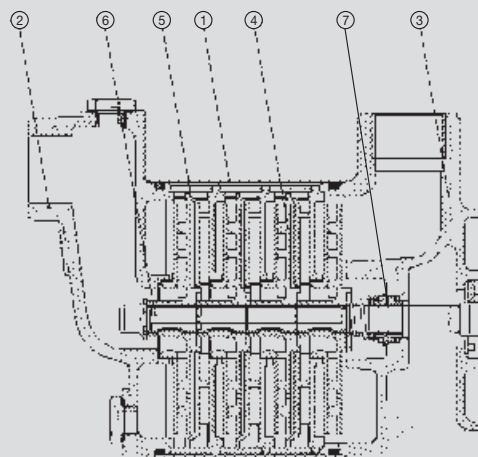
- Pumping and distribution of water in domestic systems.
- Booster systems.
- Firefighting systems .
- Washing systems.
- Irrigation

Usage limitations

- Type of liquid: clean water with no suspended solids or abrasive material.
- Maximum liquid temperature 50 °C.
- Maximum recommended suction height 5m with foot valve.
- Maximum operating pressure 9 bar.

Motor

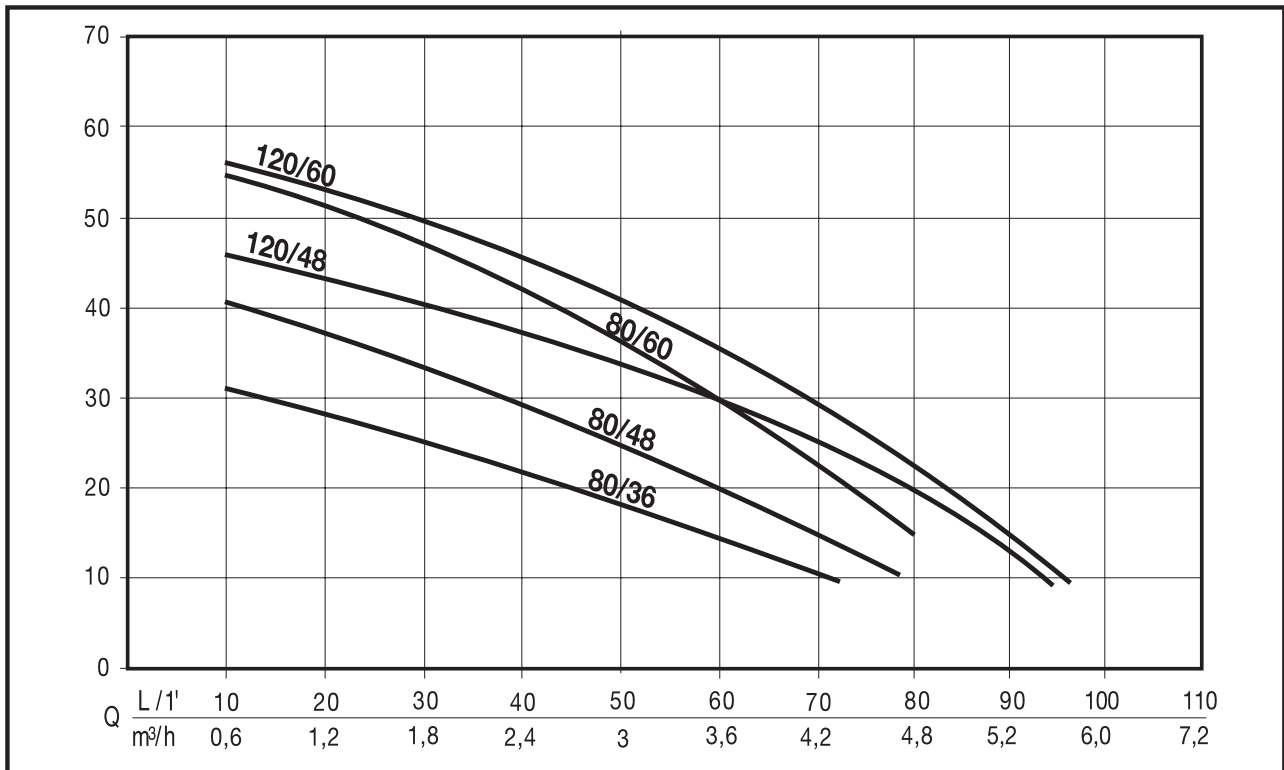
- Enclosed, externally ventilated.
- Level of protection IP 44.
- Class F insulation.
- Single phase power supply with capacitor permanently activated and thermal protection built into the motor winding.
- Three phase power supply with external protection provided by the user.
- Speed of rotation 2850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



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

TABLE OF HYDRAULIC PERFORMANCE



PUMP PERFORMANCE

CODE	MODEL	Nominal Power		Absorbed Power		VOLTAGE (V)	Amp.	μF.	Q	Discharge head in meters						
		HP	kW	HP	kW					L/1'	0	20	40	60	80	100
										m³/h	0	1,2	2,4	3,6	4,8	6
N4184070-B	MULTINOX 80/36M	0,60	0,45	0,9	0,65	1 ~ 230 V	3	12,5	Discharge head in meters	33	28	22	15	7		
N4184090-B	MULTINOX 80/36T	0,60	0,45	0,9	0,65	3 ~ 230 ÷ 400 V	2,3-1,3			43	37	29	20	9		
N4184080-B	MULTINOX 80/48M	0,75	0,55	1,1	0,8	1 ~ 230 V	3,8	12,5		57	51	42	30	15		
N4184100-B	MULTINOX 80/48T	0,75	0,55	1,1	0,8	3 ~ 230 ÷ 400 V	2,7-1,6			48	43	37	29	20	4	
N4184110-B	MULTINOX 80/60M	1,00	0,75	1,5	1,1	1 ~ 230 V	5,5	20		58	53	46	36	25	4	
N4184120-B	MULTINOX 80/60T	1,00	0,75	1,5	1,1	3 ~ 230 ÷ 400 V	3-1,8									
N4185080-B	MULTINOX 120/48M	1,00	0,75	1,3	1,1	1 ~ 230 V	4,7	16								
N4185100-B	MULTINOX 120/48T	1,00	0,75	1,5	1,1	3 ~ 230 ÷ 400 V	3,3-1,9									
N4185090-B	MULTINOX 120/60M	1,20	0,9	1,7	1,25	1 ~ 230 V	5,9	20								
N4185110-B	MULTINOX 120/60T	1,20	0,9	1,7	1,25	3 ~ 230 ÷ 400 V	3,5-2									

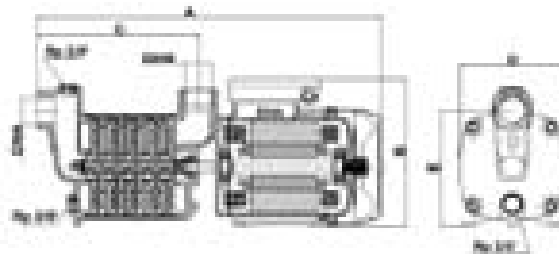


TABLE OF SIZES AND WEIGHTS

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