

# AUTOMAX

## BOOSTER SET WITH ELECTRONIC CONTROL AND PROTECTION DEVICE

*New!*

Automatic booster set designed to increase home water pressure. Made up of a single phase JETINOX pump and of a FLUSSCONTROL BASIC electronic control and dry running protection device. It is supplied wired, assembled, ready to use.



### Advantages

- Attenuates the effects of water hammering
- Replaces the traditional expansion tank system
- Maintenance-free
- Protection from dry running
- Easy to install
- Maintains constant pressure during delivery

### Usage limitations

- Type of liquid: clean water with no suspended solids or abrasive material
- Maximum liquid temperature 40°C
- Maximum recommended suction height: 7m with foot valve
- Maximum operating pressure: 8 bar

### Motor

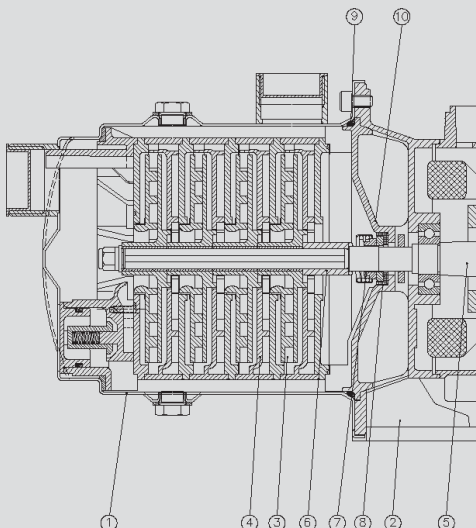
- Enclosed, externally ventilated
- Level of protection: IP44
- Class F insulation
- Single phase power supply with capacitor permanently activated
- Thermal protection built into the motor winding
- Speed of rotation 2850 rpm
- Suitable for continuous use

### Design features

- Flusscontrol Basic:  
Max. pressure 8 bar  
Max. operating temperature 40°C
- Power supply cable: 1,5 m H07 RN-F with plug

### Applications

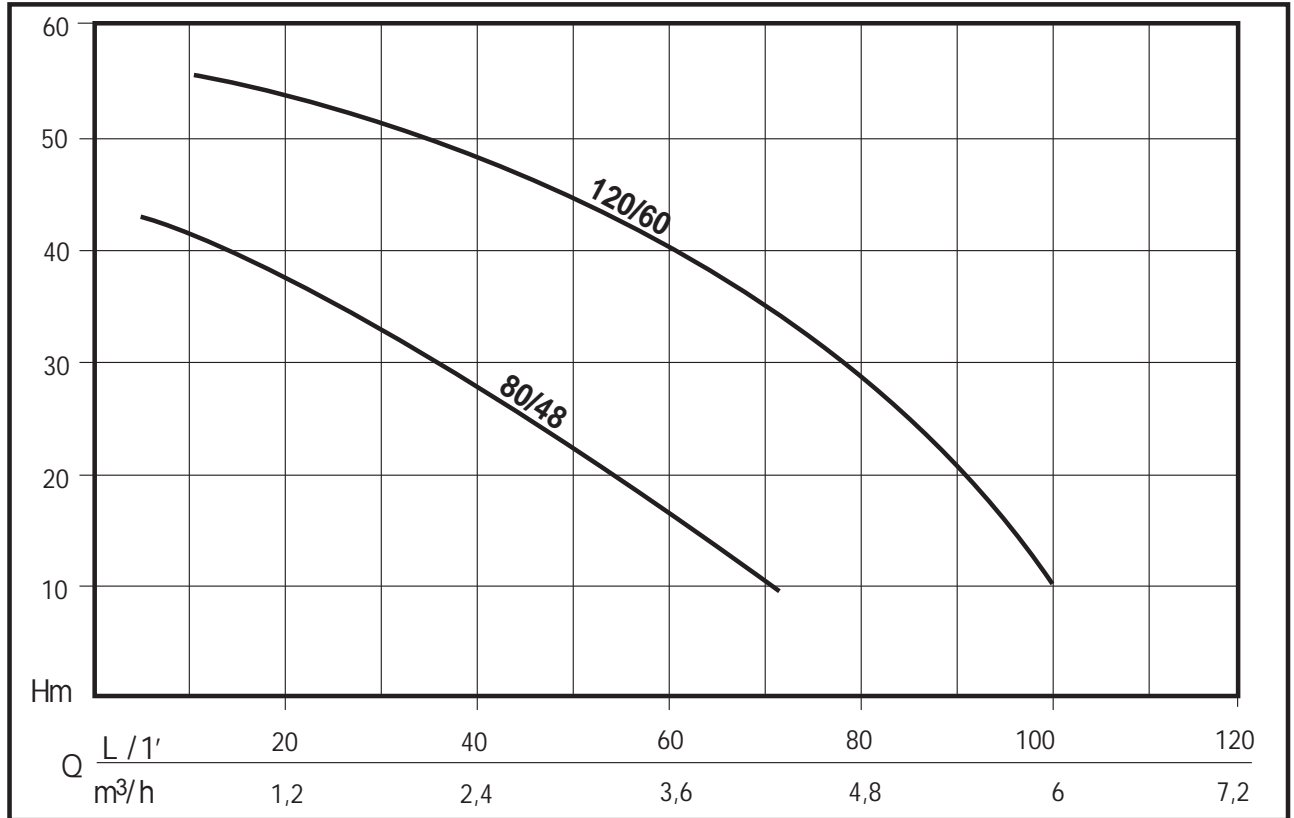
- Pumping and distribution of water in domestic systems
- Booster systems
- Washing systems, irrigation



### Design features

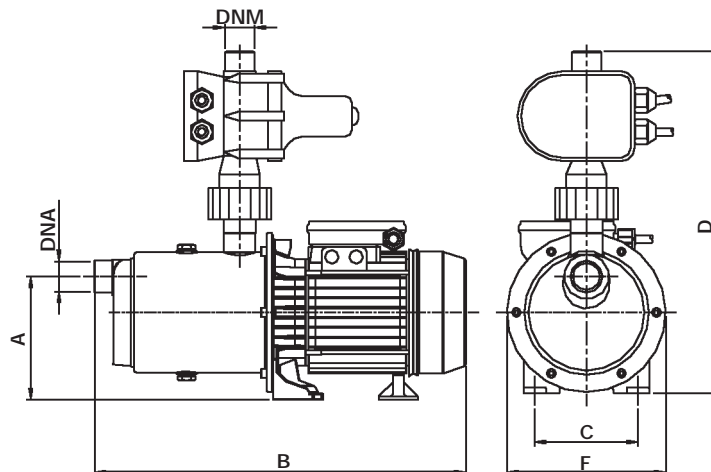
Component	Material
1 Pump casing	X5 CrNi 1810 (AISI 304) Stainless steel
2 Motor bracket	Die cast aluminium
3 Impeller	Technopolymer with X5 CrNi 1810 (AISI 304) stainless steel shim ring
4 Diffuser Venturi tube and Nozzle	Technopolymer
5 Shaft	X5 CrNi 1810 (AISI 304) Stainless steel
6 Spacer	Nickel plated brass OT 58
7 Mechanical seal	Graphite
8 Counterface	Ceramic
9 O ring	NBR 70 shore
10 Seal holder plate	Noryl GFN2V

## TABLE OF HYDRAULIC PERFORMANCE



## PUMP PERFORMANCE

COD	MODEL	Nominal power		Absorbed power		VOLTAGE (V)	Amp.	F.	Q L/1' / m³/h	0	20	40	60	80
		HP	kW	HP	kW					Discharge head in meters	0,0	1,2	2,4	3,6
N4501170-B1	AUTOMAX 80/48	0,75	0,55	1,1	0,8	1 ~ 230 V	4	12,5	Discharge head in meters	45	36	28	17	1
N4501180-B1	AUTOMAX 120/60	1,2	0,9	1,7	1,25	1 ~ 230 V	5,8	20	60	55	48	36	26	



## TABLE OF SIZES AND WEIGHTS

Model	Dimensions mm.							Weight kg
	A	B	C	D	F	DNA	DNM	
AUTOMAX 80/48	129	370	99	380	205	1 F	1 M	9,2
AUTOMAX 120/60	129	415	99	390	205	1 F	1 M	12,2