

JETINOX

SELF-PRIMING STAINLESS STEEL PUMPS

The JETINOX series self-priming pumps combine the functional benefits of centrifugal pumps and the practical and qualitative benefits of self-priming pumps. The Venturi system the pumps are fitted with guarantees optimum hydraulic efficiency and considerable pressure capacity.

- SELF-PRIMING
- HIGH SUCTION CAPACITY



Wired version

Applications

- Pumping and distribution of water in domestic systems used on a continuous or intermittent basis
- Booster systems
- Washing systems, garden irrigation, fountains
- Pumping from wells or tanks

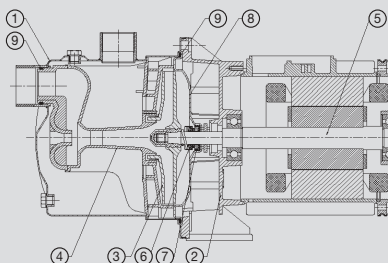
Usage limitations

- Type of liquid: clean water with no suspended solids or abrasive material
- Maximum liquid temperature 50°C
- Maximum recommended suction height 8m with foot valve
- Maximum operating pressure 6 bar

Motor

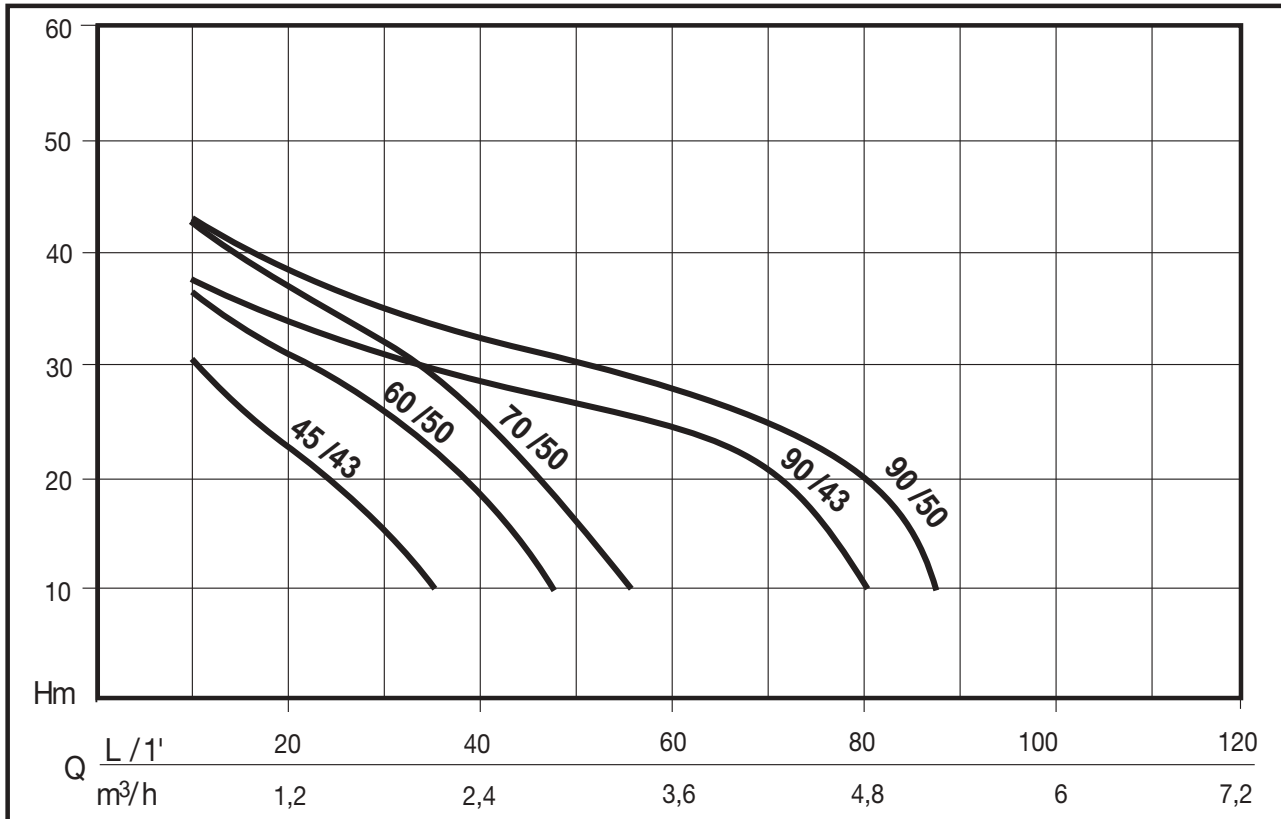
- Enclosed, externally ventilated
- Level of protection IP 44
- Class F insulation
- Single phase power supply with capacitor permanently activated
- Thermal protection built into the motor winding
- Speed of rotation 2850 rpm
- Suitable for continuous use

DESIGN FEATURES



	Component	Material
1	Pump casing	X5 CrNi 1810 (AISI 304) Stainless steel
2	Motor bracket	Die-cast aluminium
3	Impeller	Technopolymer with stainless steel shim ring
4	Monobloc diffusor Venturi tube nozzle assembly	Technopolymer
5	Shaft	X12 CrNiS 1809 (AISI 416) Stainless steel
6	Mechanical seal	Graphite
7	Counterface	Ceramic
8	Seal holder plate	Technopolymer (models 45-60-70) X5 CrNi 1810 (AISI 304) Stainless steel (model 90)
9	O-ring	NBR 70 Shore

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	10	20	30	40	50	60	70
N4176190	JETINOX 45/43 M	0,5	0,37	0,8	0,6	1 ~ 220÷240 V	3	8	Discharge head in meters	0	0,6	1,2	1,8	2,4	3	3,6	4,2	4,8
N4176570	JETINOX 60/50 M	0,75	0,55	1,1	0,8	1 ~ 220÷240 V	4	12,5		10	1,2	1,8	2,4	3	3,6	4,2	4,8	
N4176910	JETINOX 60/50 C*					20				2,4	3	3,6	4,2	4,8				
N4176760	JETINOX 70/50 M	0,95	0,7	1,36	1,0	1 ~ 220÷240 V	4,5	16		20	2,4	3	3,6	4,2	4,8			
N4176900	JETINOX 70/50 C*					30				3,6	4,2	4,8						
N4176280	JETINOX 90/43 M	1,0	0,75	1,8	1,3	1 ~ 220÷240 V	6,5	20	30	3,6	4,2	4,8						
N4176890	JETINOX 90/43 C*					40			4,8									
N4176500	JETINOX 90/50 M	1,2	0,9	2	1,5	1 ~ 220÷240 V	7	25	40	4,8								

* Supplied with handle, switch, schuko plug and power supply cable

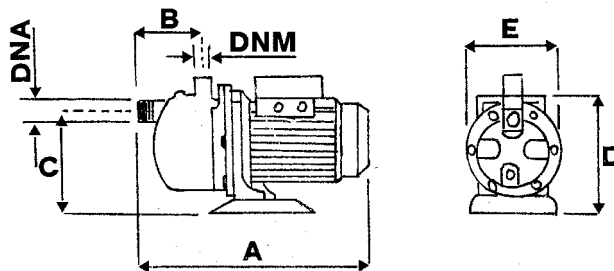


TABLE OF SIZES AND WEIGHTS

Model	Dimensions mm.							Weight kg
	A	B	C	D	E	DNA	DNM	
JETINOX 45/43	351	93	140	190	178	1" F	1" F	4,7
JETINOX 60/50	374	93	140	190	178	1" F	1" F	8,2
JETINOX 70/50	351	76	144	196	180	1" F	1" F	9,5
JETINOX 90/43	397	98	168	220	235	1" 1/4 M	1" F	11
JETINOX 90/50	430	98	168	260	235	1" 1/4 M	1" F	13