



MAXI Series

Horizontal multistage pump in composite



Description

- Horizontal multistage electric pump for clean water.
- Suitable for pressure booster sets, sprinkler irrigation systems, single-family homes, and many other potable water applications.

Materials

Suction casing	Composite
Discharge casing	Composite
Outer casing (cylinder)	304 Stainless Steel
Impellers	Polymer with high fiberglass content
Mechanical seal	Carbon-ceramic face seals, NBR elastomers, and other metal parts in AISI 304
Bearings	Deep groove ball bearings with lifetime lubrication (2RS)

Usage limits

Range of flow rates	Up to 5500 l/h
Range of pressures	Up to 6 bar
Max. Working Pressure	10 bar
Max. Working Temperature	60°C
Max. Suction Head	7 m

- Impellers are made from a polymer with a high fiberglass content, providing increased rigidity and ensuring complete resistance to corrosion, and limescale buildup due to its excellent chemical resistance. The pump's outer casing (cylinder) is made of AISI 304, and the suction and discharge casings are made from composite material, offering great dimensional stability and high resistance to corrosion.
- Completely silent operation.
- Monobloc construction with a single motor-pump shaft, equipped with 2RS deep groove ball bearings with lifetime lubrication.
- It features a bellows mechanical seal with independent rotation direction, according to EN12756.
- Suction and discharge ports of 1" for all models in the series.

Technical data

Motor	Single-phase with permanent capacitor or three-phase, depending on the model
Efficiency	IE1 for all models
Voltage	- Single-phase for models 30, 40, and 50. - Three-phase for model 50.
Poles	2
Level of protection	IP55
Insulation	F Class

Connections

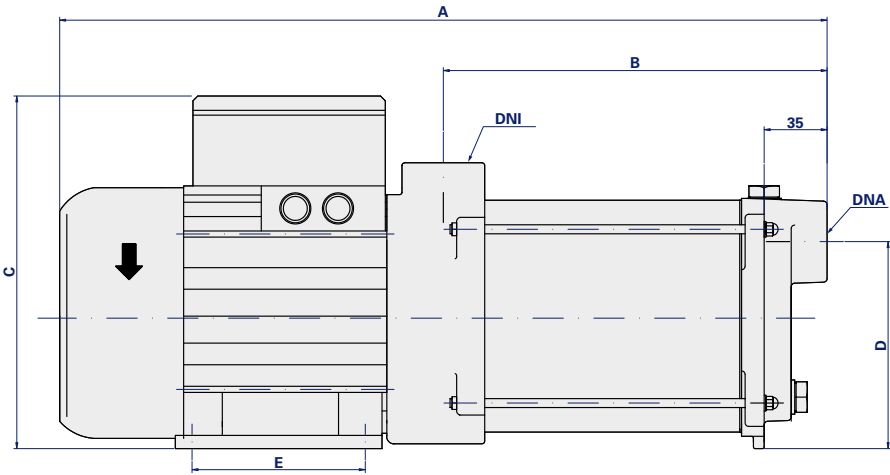
Models	Suction	Discharge.
MAXI 30	1"	1"
MAXI 40	1"	1"
MAXI 50	1"	1"



Features and Performance

Model	Power	Voltage	Consumption		Manometric head											
	CV	V	A		10 m	15	20	25	30	35	40	45	50	55	60	
					1 bar	1,5	2	2,5	3	3,5	4	4,5	5	5,5	6	
MAXI 30	0,8	230 V	5	Flow rate (l/h)	5300	5000	4500	3700	3000	1800	200					
MAXI 40	1	230 V	6,2		5400	5300	5000	4600	4200	3600	3000	2000	700			
MAXI 50	1,2	230 V	6,9		5450	5350	5200	4900	4600	4000	3550	2900	2000	1000	400	
		230/400 V	6,9													

Pump dimensions



Model	General dimensions						
	A	B	C	D	E	DNS	DND
MAXI 30	366,9	153,9	200	112	90	1"	1"
MAXI 40	390,4	177,4	200	112	90	1"	1"
MAXI 50	412,5	199,5	200	112	90	1"	1"