



MAXOR Series

Horizontal Multistage Pump in 316 Stainless Steel



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.
- Impellers made of 316 stainless steel ensure complete resistance to rust, scaling, and corrosion. The pump's outer casing (cylinder) is constructed from 304 stainless steel, while the suction and discharge casings are made of composite, a material known for its excellent dimensional stability and high corrosion resistance.
- 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.
- For the 5/30-40-50 models: both ports are 1". For the 7/30-40-50 and 9/30-40-50 models: the suction port is 1 1/4" and the discharge port is 1".

Materials

Suction casing	Composite
Discharge casing	Composite
Outer casing (cylinder)	304 Stainless Steel
Impellers	316 Stainless Steel
Mechanical seal	Carbon-ceramic face seals, NBR elastomers, and other metal parts in AISI 304
Bearings	Deep groove ball bearings with lifetime lubrication (2RS)

Technical data

Motor	Single-phase motor with a permanent capacitor
Efficiency	IE1 for all models
Voltage	Single-phase for all models
Poles	2
Level of protection	IP55
Insulation	F Class

Usage limits

Range of flow rates	Up to 8500 l/h
Range of pressures	Up to 6,5 bar
Max. Working Pressure	10 bar
Max. Working Temperature	60°C
Max. Suction Head	7 m

Connections

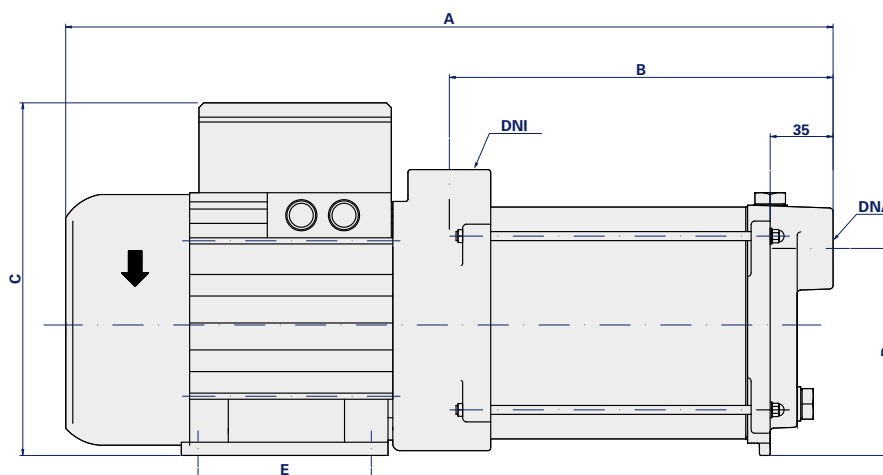
Models	Suction.	Discharge
5/30, 5/40 and 5/50	1"	1"
7/30, 7/40 and 7/50	1 1/4"	1"
9/30, 9/40 and 9/50	1 1/4"	1"



Features and performance

Model	Power	Voltage	Consumption		Manometric Head											
					10 m	15	20	25	30	35	40	45	50	55	60	65
	CV	V	A		1 bar	1,5	2	2,5	3	3,5	4	4,5	5	5,5	6	6,5
MAXOR 5/30	0,8	230 V	5	Flow rate (l/h)	4700	4400	4000	3400	2600	1700	500					
MAXOR 5/40	1	230 V	6,2		4800	4600	4400	4000	3600	3200	2700	1800	1000			
MAXOR 5/50	1,2	230 V	6,9		4900	4700	4600	4300	4100	3800	3500	3000	2500	1900	1300	
MAXOR 7/30	1,2	230 V	6,9		7600	7400	7000	6000	5000	3400	1000					
MAXOR 7/40	1,5	230 V	8,5			7600	7400	7000	6500	5750	5000	3500	2500	1000		
MAXOR 7/50	2	230 V	9,2				7600	7250	7100	6800	6150	5500	5000	3900	2800	1200
MAXOR 9/30	1,2	230 V	6,9		8500	7800	7100	6100	4900	3425	1500					
MAXOR 9/40	1,5	230 V	8,5			8500	8300	7600	7000	6100	5300	4200	2800	1200		
MAXOR 9/50	2	230 V	9,2				8700	8300	7800	7200	6600	5800	5200	4200	3100	1700

Pump dimensions



Model	General dimensions						
	A	B	C	D	E	DNS	DND
MAXOR 5/30	366,9	153,9	200	112	90	1"	1"
MAXOR 5/40	390,4	177,4	200	112	90	1"	1"
MAXOR 5/50	412,5	199,5	200	112	90	1"	1"
MAXOR 7/30	406,5	180	175	112	90	1"	1"
MAXOR 7/40	479,85	208	190	121	90	1"	1"
MAXOR 7/50	507,85	236	190	121	90	1"	1"
MAXOR 9/30	413,9	197,4	175	112	90	1 ¼"	1"
MAXOR 9/40	487,25	215,4	190	128,5	100	1 ¼"	1"
MAXOR 9/50	515,25	243,4	190	128,5	100	1 ¼"	1"