

EI BOOSTER

MULTISTAGE CENTRIFUGAL PUMPS



EI BOOSTER



Horizontal centrifugal pump assembled with mascontrol for automatic operation.

Starts and stops the pump depending on opening and closing of the taps.

Stops the pump in case of a water shortage and protects it from dry running.

Is equipped with automatic restarts in case of failure and anti-jamming function.

No need for an expansion tank, check valve, filter or fittings.

Multistage horizontal centrifugal pump, featuring extremely silent running suitable for domestic use for water supply and pressurisation, irrigation of gardens and vegetable gardens, and moving water in general.

EI BOOSTER: stainless steel pump body.

Motor support in die-cast aluminium, seal holder in AISI 304 steel. Mechanical seal in carbon/ceramic. Rotor shaft in AISI 304 steel. Rotors, diffuser bodies and diffusers in technopolymer. Adjustment rings in stainless steel.

Protection level of motor IP 44

Protection level of terminal board IP 55

Insulation class F

Operating range

from 2.6 to 31.7 gpm (0.6 to 7.2 m³/h) with a head of up to 236 ft (72 m.)

Pumped liquid characteristics clean, free from solid or abrasive substances, non-viscous, non-aggressive, non-crystallised, chemically neutral and close to the characteristics of water

Liquid temperature range

from 32°F to +104°F (0°C to +40°C)



Maximum ambient temperature +104°F (+40°C)

Maximum operating pressure 116 psi (8 bar)

EI booster self-priming

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA						
		VOLTAGE 60 Hz	P1 MÁX kW	P2 NOMINAL		In A	CAPACITOR	
				kW	HP		µF	Vc
EI BOOSTER 30/506 M	TBD	1x115V	0.94	0.5	0.75	8.31-4.28	50	250
EI BOOSTER 40/506 M	TBD	1x115V	1.3	0.8	1.1	13.1-6.6	80	250
EI BOOSTER 50/506 M	TBD	1x115V	1.5	1	1.36	14.6-7.4	80	250
EI BOOSTER 40/806 M	TBD	1x115V	1.5	1	1.36	14.6-7.4	80	250

DEVICE FOR CONTROL AND PROTECTION OF THE PUMP	DESCRIPTION	MODEL	CODE
 <p>MASCONTROL</p>	<p>Can be energized with either 115 Vac or 230 Vac. Starts and stops the pump depending on opening and closing of the taps. It has 1 1/4" male connections to guarantee a higher flow rate. Stops the pump in case of a water shortage and protects it from dry running. Is equipped with automatic restarts in case of failure and anti-jamming function. No need for an expansion tank, check valve, filter or fittings. Can be installed on surface and submersible pumps up to 3 HP. Maintenance free.</p>	MCDV222101 1" 22 PS	109640400
		MCDV232101 1" 32 PS	109640410
		MCDV242101 1" 44 PS	109640420
		MCDV222114 1 1/4" 22 PSI	109640440
		MCDV232114 1 1/4" 32 PSI	109640450
		MCDV242114 1 1/4" 44 PSI	109640460
 <p>CONTROLPRESS</p>	<p>Can be energized with either 115 Vac or 230 Vac. Starts and stops the pump depending on opening and closing of the taps. It allows to reduce the maximum pressure of the pump and to set the working pressure. Stops the pump in case of a water shortage and protects it from dry running. Is equipped with automatic restart in case of failure and anti-jamming function. No need for an expansion tank, check valve, filter or fittings. Can be installed on surface and submersible pumps up to 3 HP.</p>	MCDV114PR 1 1/4" 35-100 PSI	109640360