

X2MOI B



Electronic booster set with inverter

Description

The automatic system with inverter is for water supply and dry-running protection

Protection rating IP 68

The inverter installed on the pipe regulates constantly the pump activity; this unit utilizes only the necessary power supply in order to satisfy the required performances

The electronic start doesn't cause water-hammer both switching on and stopping the pump

Easy regulation

Alarm signal display with problem description

Control and safety system against over-current



Applications

- Domestic boosting
- Industrial installation boosting
- Fountains and water plays

Pumped liquid:

Clean water with no abrasive or suspended solids

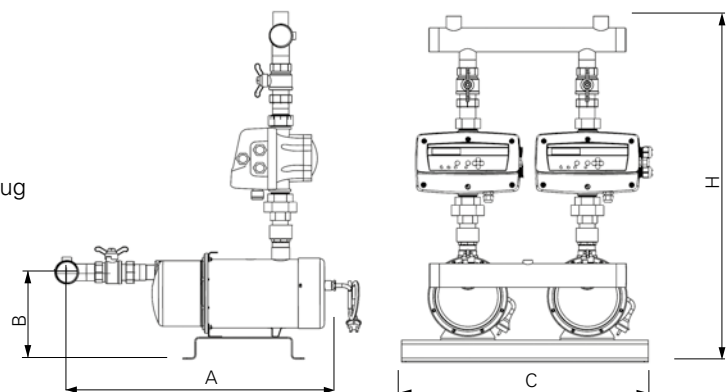
Liquid temperature $+2^{\circ}\text{C} \div +40^{\circ}\text{C}$

Air temperature max $+45^{\circ}\text{C}$

Calibrating pressure rate switch 1,5 bar

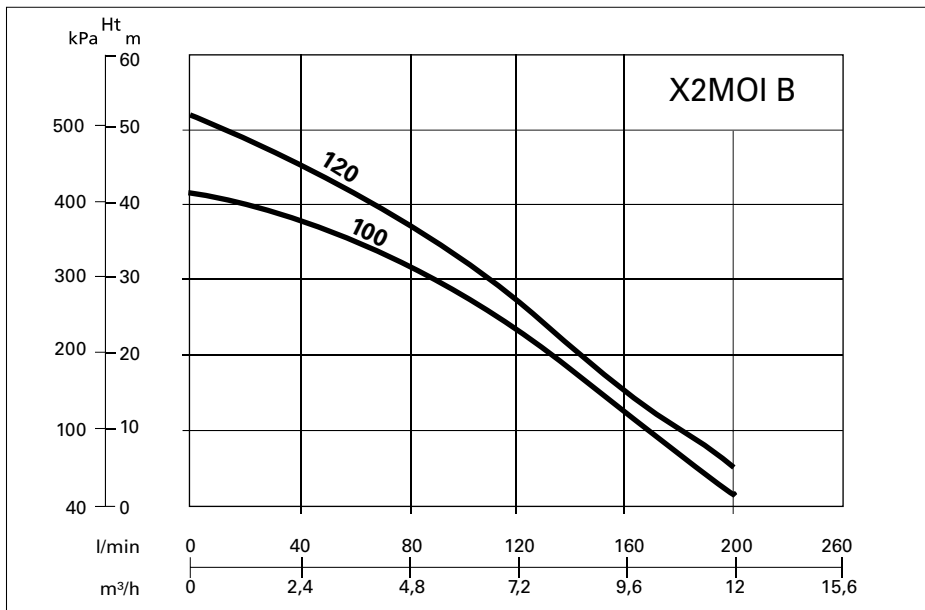
Materials

- Pump body, impellers and motor body:
Stainless steel AISI 304
- Technopolymer flanges
- Shaft: Stainless steel AISI 420
- H07RN8-F Electric cable 10m length with Schuko plug
- Inlet and outlet manifold:
Stainless steel AISI 304
- Class F insulated motors



Code	P ₂ Nom.		3 ~ 50Hz Amp.		1 ~ 50Hz Amp.	Stages	Q (lt/m) Flow								Dimensions mm						Wgt.kg
	kW	Hp	230 V	400 V	230 V		Total Hm in CA								A	B	C	H	DNM	DNA	
							0	60	80	100	120	140	160	180							
X2MOI100B	0,75+0,75	1+1	3+3	6,0+6,0	6+6	4	42	35	30	28	24	18	15	10	800	200	620	800	2"	2"	35
X2MOI120B	0,90+0,90	1,2+1,2	3,3+3,3	2,5+2,5	7,2+7,2	5	52	43	40	35	30	25	20	11	800	200	620	800	2"	2"	37

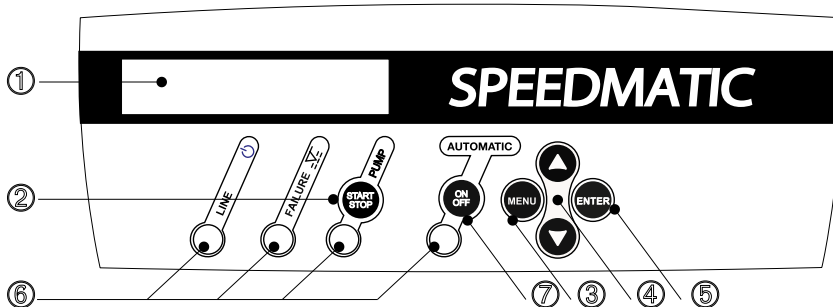
Curves and performance $\eta = 2900$ 1/min



Impeller Stainless steel AISI 304



Body pump:
Stainless steel AISI 304



- 1 - Multifunctional LCD screen. It shows the pressure in working mode.
- 2 - MANUAL START-STOP pushbutton
- 3 - Pushbutton for ENTER or EXIT menu.
- 4 - With these pushbuttons we can change programming values showed in the LCD screen (1)
- 5 - ENTER for saving programmed values. Every pulsation is succeeded by a new field of the CONFIGURATION MENU.
Whenever we want to quit the configuration sequence press MENU (3)
- 6 - LED lights index:
 - LINE green: Electric supply. ON when it is connected
 - FAILURE red: Bright or intermittent depending on type of failure.
 - PUMP yellow: When it is bright means pump working. It is lit with the pump stopped or when the device is not connected.
 - AUTOMATIC green: It is bright in AUTOMATIC mode. When it is intermittent in MASTER&SLAVE mode it means that this device will be auxiliary in the following cycle.
- 7 - ON/OFF: It allows to change from AUTOMATIC to MANUAL mode or viceversa.



Technopolymer motor support
(up to 1,5 HP pumps)

Apartments		
Code	n°	Max flow l/min
X2MOI100B	2 ÷ 3	180
X2MOI120B	2 ÷ 4	200