

 Domestic use

TECHNICAL DATA

QEM/3 for single-phase 3" submersible borehole pumps

MODEL	Motor power (P ₂)		Capacitor capacity	Rated current*
Single-phase	kW	HP		
QEM/3-050	0.37	0.50	12.5 µF	5 A
QEM/3-075	0.55	0.75	16 µF	6 A
QEM/3-100	0.75	1	20 µF	7 A
QEM/3-150	1.1	1.5	30 µF	10 A

QEM for single-phase 4" submersible borehole pumps

MODEL	Motor power (P ₂)		Capacitor capacity	Rated current*
Single-phase	kW	HP		
QEM 050	0.37	0.50	20 µF	5 A
QEM 075	0.55	0.75	25 µF	6 A
QEM 100	0.75	1	35 µF	7 A
QEM 150	1.1	1.5	40 µF	11 A
QEM 200	1.5	2	60 µF	13 A
QEM 300	2.2	3	75 µF	18 A

(*) To match the panel with the pump correctly, check that the motor's rated current comes within the value ranges given in the table

INSTALLATION AND USE

QEM is a control panel for starting up and protecting single-phase 3" – 4" submersible borehole pumps.

It is suitable for any domestic and residential groundwater supply system.

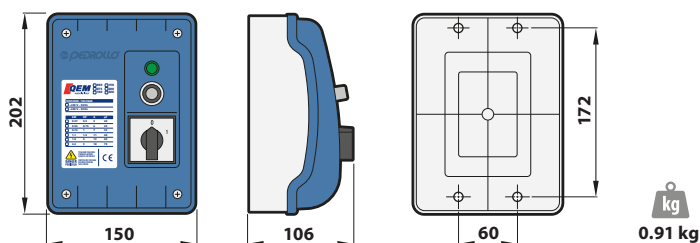
PRODUCT DESCRIPTION

The **QEM** control panel starts up the pump with a main switch (O/I), while the thermal decoupler stops the motor in the event of a current overload.

MAIN FEATURES

- Power supply 1~230 V ±10% – 50 Hz
- Ambient temperature from -5 °C to +40 °C
- Relative humidity 50% at 40 °C
- Protection rating **IP55**
- Capacitor (supplied with the panel)
- Pump operation indicator light
- Thermal protection switch with manual reset button
- Main switch O/I
- Terminal board for the electrical connections
- IP55 tear-resistant cable glands

DIMENSIONS (mm)



INSTALLATION EXAMPLES

