

\*\*\*\*\*Technical Data Sheet\*\*\*\*\*

## Idrogo 5" Submersible Pump M40 & M80 Ranges



### Applications

- Multi-stage submersible centrifugal pumps for pumping clear water from wells, cisterns and storage tanks.
- Pressure boosting of domestic systems.
- Small scale irrigation.
- Washing vehicles.

### Technical Characteristics

**PUMP** Multi-stage submersible pump with the liquid end located under the motor allowing the motor to be cooled by pumped liquid.

External casing, motor frame, casing cover, filter & closing ring: AISI 304 stainless steel.

Shaft: AISI 416 stainless steel.

Impellers and diffusers: plastic.

Bottom bearing support: pressed brass  
Double mechanical seal with oil bath: top NBR/ceramic/carbon, bottom NBR/silicon carbide/silicon carbide.

**MOTOR** insulation class F, protection to IP68, continuous duty with pump completely submersed. Single phase capacitor inside motor casing always on. Floatswitch fitted for run dry protection.

### Performance Limits

- Max. working pressure: 10bar
- Max. liquid temperature: 40 deg.C
- Max. immersion: 20 metres
- Horizontal operation: possible

