

JDW self-priming pumps for 4" wells

with immersed ejector

 Clean water

 Domestic use



PERFORMANCE RANGE

- Flow rate up to **3600 l/h**

APPLICATION LIMITS

- Manometric suction lift up to **45 m**
- Liquid temperature up to **+40 °C**
- Ambient temperature up to **+40 °C**

CONSTRUCTION AND SAFETY STANDARDS

EN 60335-1
IEC 60335-1
CEI 61-150

EN 60034-1
IEC 60034-1
CEI 2-3



CERTIFICATIONS

Company with management system certified by DNV
ISO 9001: QUALITY
ISO 14001: ENVIRONMENT AND SAFETY



INSTALLATION AND USE

JDW self-priming pumps are designed for lifting water from depths greater than 9 m, including cases with entrained air. They are recommended for domestic use including water distribution (as part of a pressure set), garden irrigation, etc.

The pumps must be installed in enclosed places, or at least protected against inclement weather.

CONSTRUCTION CHARACTERISTICS

- **Pump body:** cast iron, with threaded ports ISO 228/1
- **Ejector body:** cast iron
- **Nozzle, venturi and diffuser:** technopolymer.
- **Impeller:** JDW1 stainless steel AISI 304;
JDW2 brass.
- **Motor shaft:** stainless steel EN 10088-3 - 1.4104.
- **Mechanical seal:** ceramica - grafite - NBR.
- **Electric motor:** the pumps are close-coupled to a carefully matched PEDROLLO electric motor, quiet running, totally enclosed fan cooled (TEFC), suitable for continuous duty.
JDWm: single-phase 220 V - 60 Hz with capacitor and thermal overload protector.
JDW: three-phase 220/380 V - 60 Hz.
- **Pumps fitted with the three-phase motor option offer IE2 (IEC 60034-30) class high performance**
- **Insulation:** class F.
- **Protection:** IP X4.

OPTIONALS AVAILABLE ON REQUEST

- Impeller in technopolymer (JDWm1...X - JDW1...X)

GUARANTEE

2 years subject to terms and conditions