

JP-440 Explosion-proof electric universal motor

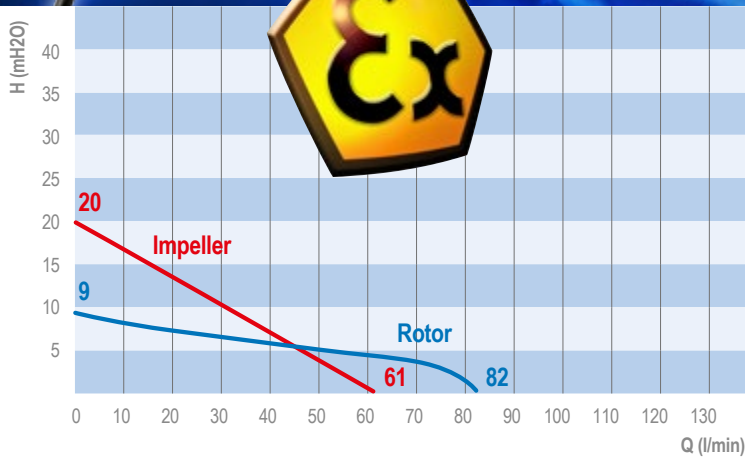
230 Volt, 50/60 Hz, 460 Watt, IP 55, II 2G Ex db IIC T6 Gb

Description

- The drive JP-440 is a compactly built, robust explosion-proof universal motor that is built and approved in accordance with the latest explosion protection guidelines (ATEX 2014/34/EC) and IECEx. The collector motor is explosion-proof according to II 2G Ex db IIC T6 Gb and has an EC-type examination certificate BUREAU VERITAS 17 ATEX 1 088 X and IECEx EPS 17.0045 X. The electric motor Ex-JP-440 offers in addition to the air operated motors maximum protection when pumping flammable media or for use in hazardous environments. At such applications separate authorizations for the drive motor and the pump tube acc. directives ATEX 2014/34/EC are required.
- The handy and powerful device (5,5 kg) can be used as a drive for the ATEX certified sealless pump tubes made of stainless steel (Ø 41 mm), the mixing pump tubes in stainless steel, the pump tubes in stainless steel with mechanical seal or complete drum emptying function and the eccentric screw pump tubes series JP-700 SR PTFE ATEX. In this combination the

drive is suitable for many thin liquid to viscous, neutral, slightly aggressive and easily flammable media with a flash point below 55 °C. Its sophisticated, technically clear structure ensures an efficient and safe use when transferring the wide range of media.

- The drum pump motor is characterized in addition to its robustness by its elegant design and ease of use. The non-stationary and stationary usable drive is particularly suitable for intermittent operation. As externally ventilated motor it has an optimal air cooling, low noise and ensures high operational safety and long lifetime.
- The standard in the on/off switch integrated low voltage release is intended to prevent an uncontrolled start of the drum pump motor after a power failure or voltage drop. Thus guarantees maximum safety.
- The maximum density of the media is for the JP-440 universal motor 1,3, the maximum viscosity 400 mPas.



Electric universal motor JP-440

230 Volt, 50/60 Hz, 460 Watt, II 2G Ex db IIC T6 Gb, IP 55, double insulation protection class II, with or without low voltage release. 5 m cable without plug. Optional with Ex-plug.

Also available in 115 Volt, 60 Hz.

Operating data JP-440

| | |
|---|---|
| Flow rate (with hose and oval gear meter): | up to 82 l/min (Rotor)* up to 61 l/min (Impeller)* |
| Head: | up to 9 m (Rotor)* up to 20 m (Impeller)* |
| Viscosity: | up to 400 mPas* |
| Density: | up to 1,3* |

*Data obtained with a 1" pipe are indicated in the performance curve

*Test media water 20 °C, pressure pipe 1", oval gear meter, measured values: ± 5%



| JP-440 | Version | Voltage | Order No. |
|-------------|---------|----------------------------|-----------|
| without LVR | | 230 V 1 ~, 50/60 Hz, 460 W | 1440 2300 |
| | | 115 V 1 ~, 60 Hz, 460 W | 1440 1150 |
| with LVR | | 230 V 1 ~, 50/60 Hz, 460 W | 1440 2301 |
| | | 115 V 1 ~, 60 Hz, 460 W | 1440 1151 |

LVR: Low voltage release