



#### Electric universal motor JP-400

230 Volt, 50/60 Hz, 550 Watt, IP 54, double insulation protection class II, over load protection switch with integrated low voltage release. 5 m cable with plug.

#### 230 Volt, 50/60 Hz, 550 Watt, IP 54, alternatively 115 Volt, 60 Hz

- The drive JP-400 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. The collector motor is explosion-proof **according to II 2G Ex de IIA T6** and has an EC-type examination certificate ZELM 09 ATEX 0425 X. The electric motor Ex-JP-400 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/EU are required.
- The handy and powerful device 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 a 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-400 universal motor 1,5, the maximum viscosity 600 mPas.

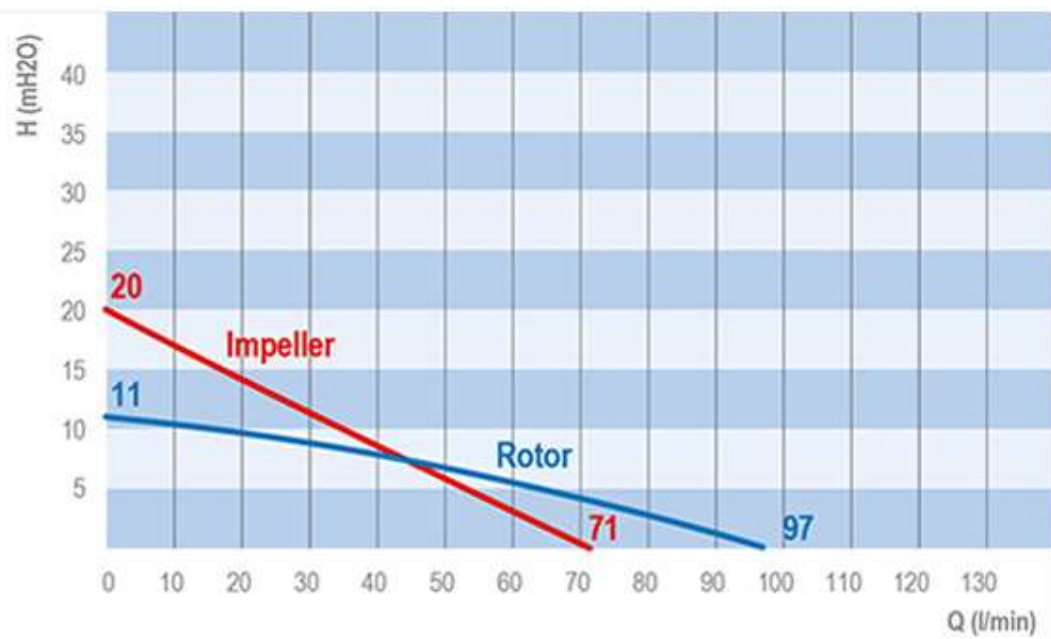
#### Operating data JP-400

Operating data JP-400	
<b>Flow rate</b> (with hose and oval gear meter)	Ø 41 mm up to 97 l/min (Rotor)* Ø 41 mm up to 71 l/min (Impeller)*
<b>Head</b>	Ø 41 mm up to 11 m (Rotor)* Ø 41 mm up to 20 m (Impeller)*
<b>Viscosity</b>	up to 600 mPas*
<b>Density</b>	up to 1,3*
<p>* All physical data are real measured maximum values.</p> <p>* Test medium water 20 °C, 2 m pressure pipe 1", oval gear meter 1", measured values: ± 5%.</p>	

#### Motor JP-400

JP-400 without pump tube		
Version	Voltage	Order No.
without LVR	230 V 1~, 50/60 Hz, 550 W	1400 2300
with LVR	230 V 1~, 50/60 Hz, 550 W	1400 2301

**LVR:** Low voltage release



JP-400, 230 VAC, JP-SS 41-1,000, test media water 20°C, pressure pipe 1", oval gear meter, measured values: ± 5%