

JP-140 Electric universal motor

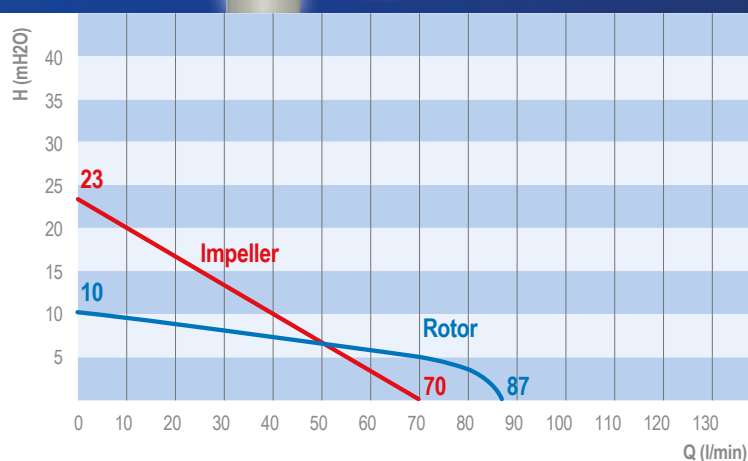
230 Volt, 50/60 Hz, 450 Watt, IP 24, alternatively 115 Volt, 60 Hz



Description

- The drive JP-140 is a compactly built, not explosion-proof, internally ventilated universal motor.
- The lightweight, handy and powerful device can be used as drive for the pump tubes of the laboratory and drum pumps and is useful in this combination for many thin fluid, neutral, aggressive and non-flammable media. Its sophisticated, technically clear structure ensures an efficient and safe use when transferring a variety of water-like liquids.
- The drum pump motor is characterized not only by its lightweight (2,3 kg) but also by its elegant design and ease of use. The non-stationarily and stationarily usable drive is particularly suitable for intermittent operation. As internally ventilated motor it has an optimal air cooling, low noise level and ensures high operational safety and long lifetime.

- The motor housing made of Polypropylene ensures high chemical resistance in case of aggressive vapours of acids and alkalies.
- 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 and thus guarantees maximum safety. By the presence of a thermal protection the life of the engine is significantly increased.
- The flow rate of the media that will be pumped can be adjusted by the optionally available speed control that is mounted laterally in the motor housing and therefore adapted to the needs of the user.
- The maximum density of the media is for the JP-140 universal motor 1,3, the maximum viscosity 400 mPas.



JP-140, 230 VAC, JP-PP(HC)41-1.000, test media water 20 °C, pressure pipe 1", oval gear meter, measured values: ± 5%

Electric universal motor JP-140

230 Volt, 50/60 Hz, 450 Watt, IP 24, double insulation protection class II, over load protection switch with integrated low voltage release. Thermal protection, 5 m cable with plug.

Speed control as option.

Operating data JP-140

Flow rate (with hose and oval gear meter):	up to 87 l/min (Rotor)*
	up to 70 l/min (Impeller)*
Head:	up to 10 m (Rotor)*
	up to 23 m (Impeller)*
Viscosity:	up to 400 mPas*
Density:	up to 1,3*

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

* All specified values are real measured maximum values.
Test media water 20 °C, pressure pipe 1", oval gear meter 1", measured values: ± 5%

JP-140

Version

Voltage

Order No.

without LVR

230 V 1~, 50/60 Hz, 450 W

1140 2300

115 V 1~, 60 Hz, 450 W

1140 1150

with LVR

230 V 1~, 50/60 Hz, 450 W

1140 2301

115 V 1~, 60 Hz, 450 W

1140 1151

without LVR,

with SC

230 V 1~, 50/60 Hz, 450 W

1140 2302

115 V 1~, 60 Hz, 450 W

1140 1152

with LVR + SC

230 V 1~, 50/60 Hz, 450 W

1140 2303

115 V 1~, 60 Hz, 450 W

1140 1153

LVR: Low voltage release

SC: Speed control



Electronic speed control

The speed of the drum pump motor JP-140 can be controlled via a knob on the side of the motor housing electronically. This enables an adjustment of the flow rate. The electronic speed control is available as an option.

