

# N-400 NEPTUNE Explosion-proof electric universal motor

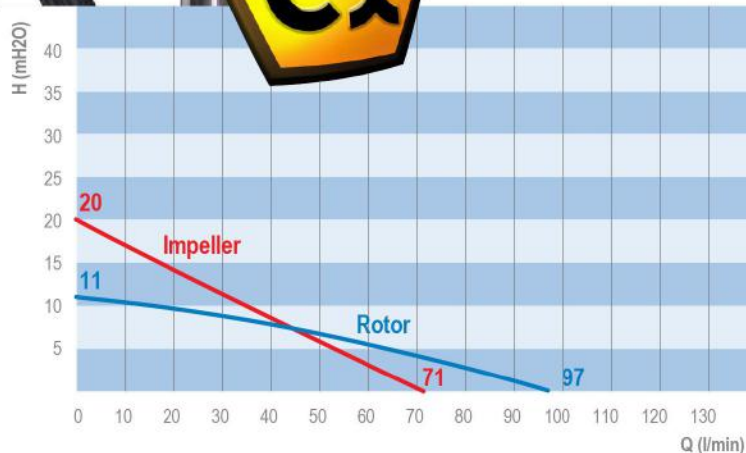
230 Volt, 50 Hz, 550 Watt, IP 54, Ex de II A T6

## Description

- The drive N-400 is a compactly built, robust explosion-proof universal motor that is built and approved in accordance with the latest explosion protection guidelines ATEX 100a (94/9/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-N-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 94/9/EC (ATEX 100a) 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). 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 N-400 universal motor 1,5, the maximum viscosity 600 mPas.



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

## N-400

**Electric universal motor** 230 Volt, 50 Hz, 550 Watt, protection II 2G Ex de IIA T6, IP54, double insulated protection class II, with low voltage release. 5 m cable without plug.

## Operating data

Flow rate (with hose and oval gear meter): up to 97 l/min (Rotor)\*

up to 71 l/min (Impeller)\*

Head: up to 11 m (Rotor)\*  
up to 20 m (Impeller)\*

Viscosity: up to 600 mPas\*

Density: up to 1,5\*

\* 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%



N-400

Version	Voltage	Order No.
without LVR	230 V 1~ , 50 Hz, 550 W	1400 2300
with LVR	230 V 1~ , 50 Hz, 550 W	1400 2301

LVR: Low voltage release