

Product information

mzr-6309X2 Ex · Ex-versions

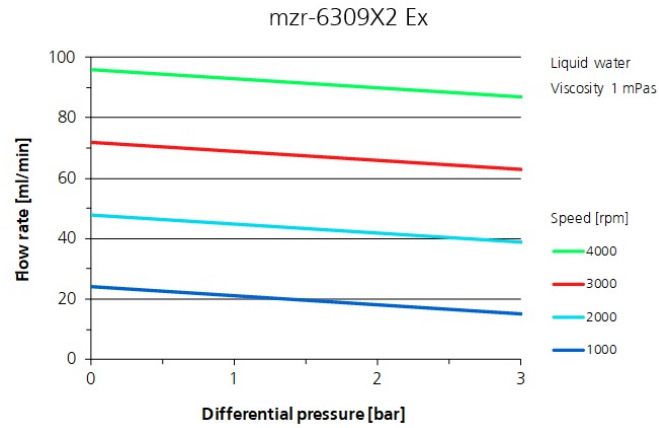


Description

The micro annular gear pump mzr-6309X2 Ex cover the flow range 0.024 - 96 ml/min. The highly precise, low pulsation small volume dosage even of non-lubricating liquids or at high pressure, the compact design of the Ex-pumps, the broad viscosity range and the small dimensions are unique features of this pump series. The pumps are applied in the field of chemical and process technology and are suitable for both continuous delivery and discrete dosage of watery solutions, solvents, oil and other viscous liquids. Accessories extending the operating parameters of the device are available.

Advantages

- Ex-certification ATEX conform with EU Directive 2014/34/EU
- Precision motor and sophisticated control ATEX DC-servomotor with integrated microcontroller
- High dosage precision precision CV < 1 % at low volumes
- Compact dimensions length < 368 mm, including Ex-motor
- Broad viscosity range methanol, solvents, adhesives, grease, gel
- Low pulsation delivery, low shear stress rotary micro annular gear technology
- Long service life wear-resistant tungsten carbide



Patents and trademarks

Micro annular gear pumps (and housings) are protected by assigned patents: EP 1 354 135 B1; US 7,698,818 B2; DE 10 2011 001 041 B4; CN 103 348 141 B; US 10,012,220 B2; CN 103 732 921 B; US 9,404,492 B2; US 6,520,757 B1.

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