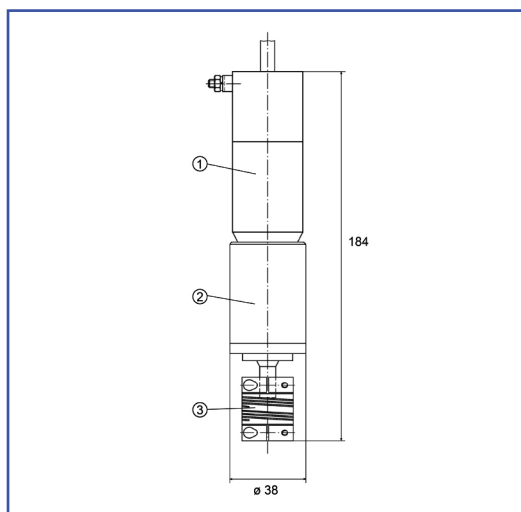


Electrical motor drive type: WDE



(Ex) motor drive, mounted onto a sightglass with a window wiper of the series WD, a spraying device type SVS, an (Ex) camera system of the series miniZoom and an (Ex) light fitting with housings of aluminium cast



Dimensions

Application:

The staff of a plant does not always have the possibility to survey the interior of a process vessel through a sightglass on site. For these cases, remote observation by means of a camera linked to a control room is the optimal solution. A camera may, however, only record and transmit high-quality images if the product side of the sightglass disc is free of dust, condensate or crystal depots. The motor drive series WDE has been developed for such applications. The combination of a window wiper, a spraying device, a VIDEOLUX camera system and a light fitting from the broad MAX MÜLLER product range and the motor drive unit ensures an optimal image quality at any time.

Advantages:

- Extremely compact dimensions
- Low energy consumption
- High torque
- No maintenance required
- High efficiency
- To be mounted onto different sightglass types

Construction and scope of delivery:

The motor drive consists of a DC motor ① with directly flanged gearbox ② and a special coupling ③, with which the axis of the window wiper is driven.

Operating conditions:

- Admitted for hazardous zones 1 and 2 as well as 21 and 22
- For ambient temperatures from -20 °C to $+40\text{ °C}$
- Operating pressure of the unit sightglass / WDE: Depending on the dimensions of the sightglass disc with central bore hole

Protection:

Motor housing and supply: IP 68
Motor shaft: IP 54 to EN 60529

Technical data:

EC type examination: PTB 03 ATEX 1131
Nominal voltage: 24 V DC
Ignition protection type (motor and gear box): EEx d IIC T6 CE IIC GD 80 °C
Explosion group: IIC
Temperature class: T6
Supply: Potted cable 5 x 0,5 mm², length of 1,5 m
Direction of rotation: Clockwise or inverse
Weight: Ca. 1,1 kg