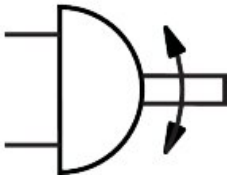
# Rotary actuator
# DRVS-32-270-P-EX4

Part number: 2536498





## Data sheet

| Feature | Value |
|---|---|
| Size | 32 |
| Cushioning angle | 0.5 deg |
| Swivel angle | 0 deg...270 deg |
| Permissible stop radius | 28 mm |
| Cushioning | Elastic cushioning rings/pads at both ends |
| Mounting position | Any |
| Mode of operation | Double-acting |
| Structural design | Rotary vane |
| Position sensing | Via proximity switch |
| Variants | Spigot shaft |
| Operating pressure | 0.2 MPa...0.8 MPa<br>2 bar...8 bar |
| Max. swivel frequency at 6 bar | 2 Hz |
| Repetition accuracy | 1 deg |
| CE marking (see declaration of conformity) | as per EU explosion protection directive (ATEX) |
| UKCA marking (see declaration of conformity) | acc. to UK EX instructions |
| Explosion protection certification outside the EU | EPL Db (GB)<br>EPL Gb (GB) |
| Explosion prevention and protection | Zone 1 (ATEX)<br>Zone 1 (UKEX)<br>Zone 2 (ATEX)<br>Zone 21 (ATEX)<br>Zone 21 (UKEX)<br>Zone 22 (ATEX) |
| ATEX category gas | II 2G |
| ATEX category for dust | II 2D |
| Type of ignition protection for gas | Ex h IIC T4 Gb X |
| Type of (ignition) protection for dust | Ex h IIIC T120°C Db X |
| Explosive ambient temperature | 0°C <= Ta <= +60°C |
| Operating medium | Compressed air as per ISO 8573-1:2010 [7:4:4] |
| Information on operating and pilot media | Operation with oil lubrication possible (required for further use) |
| Corrosion resistance class (CRC) | 1 - Low corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B2-L |

| Feature | Value |
|---|---|
| Suitability for the production of Li-ion batteries | Suitable for battery production with reduced Cu/Zn/Ni values (F1a) |
| Cleanroom suitability, measured according to ISO 14644-14 | Class 5 according to ISO 14644-1 |
| Ambient temperature | 0 °C...60 °C |
| Max. stop force | 480 N |
| Max. axial force | 75 N |
| Max. radial force | 200 N |
| Theoretical torque at 6 bar | 10 Nm |
| Permissible mass moment of inertia | 0.02 kgm² |
| Product weight | 896 g |
| Type of mounting | With internal thread |
| Pneumatic connection | G1/8 |
| Note on materials | RoHS compliant |
| Drive shaft material | Steel, nickel-plated |
| Seals material | TPE-U(PU) |
| Housing material | Die cast aluminum, painted |