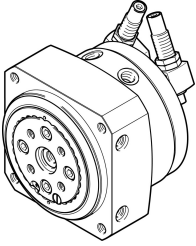


Semi-rotary drive DSM-63-270-CC-HD-A-B

Part number: 1369127

FESTO



Data sheet

| Feature | Value |
|--|---|
| Size | 63 |
| Cushioning angle | 17.5 deg |
| Rotation angle adjustment range | 0 deg...240 deg |
| Swivel angle | 0 deg...240 deg |
| Cushioning | Shock absorber at both ends |
| Mounting position | optional |
| Fine adjustment | -3 deg |
| Mode of operation | Double-acting |
| Design | Vane |
| Position detection | Via proximity switch |
| Operating pressure | 0.2 MPa...1 MPa 2 bar...10 bar |
| Max. swivel frequency at 0.6 MPa (6 bar, 87 psi) | 0.5 Hz |
| Operating medium | Compressed air to ISO 8573-1:2010 [7:-:-] |
| Corrosion resistance class CRC | 0 - No corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Ambient temperature | -10 °C...60 °C |
| Max. axial force | 1300 N |
| Max. radial force | 1600 N |
| Theoretical torque at 0.6 MPa (6 bar, 87 psi) | 40 Nm |
| Permissible mass moment of inertia | 0.5 kgm ² |
| Product weight | 6660 g |
| Type of mounting | Via female thread |
| Pneumatic connection | G1/4 |
| Note on materials | RoHS-compliant |
| Material drive shaft | Steel Nickel-plated |
| Material seals | TPE-U(PU) |
| Material housing | Wrought aluminium alloy |