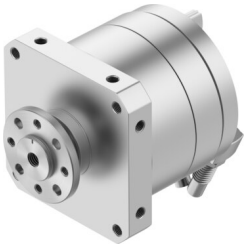
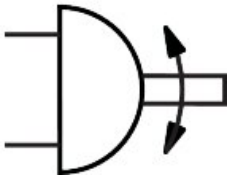
Semi-rotary drive
DSM-T-32-270-CC-FW-A-B

Part number: 1145107





Data sheet

Feature	Value
Size	32
Cushioning angle	12 deg
Rotation angle adjustment range	0 deg...246 deg
Swivel angle	0 deg...246 deg
Permissible stop radius	28 mm
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)	0.7 Hz
Repetition accuracy	0.1 deg
Operating medium	Compressed air to ISO 8573-1:2010 [7:-:-]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	0 - No corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Ambient temperature	-10 °C...60 °C
Max. stop force	480 N
Max. axial force	75 N
Max. radial force	200 N
Theoretical torque at 0.6 MPa (6 bar, 87 psi)	20 Nm
Permissible mass moment of inertia	0.05 kgm²
Product weight	2165 g
Type of mounting	Via female thread
Pneumatic connection	G1/8
Note on materials	RoHS-compliant
Material drive shaft	Steel Nickel-plated

Feature	Value
Material seals	TPE-U(PU)
Material housing	Wrought aluminium alloy