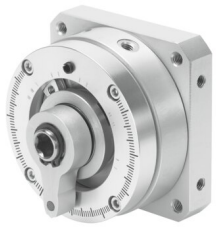
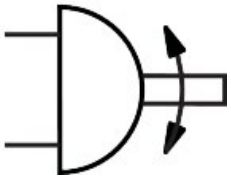
Semi-rotary drive
DSM-63-270-A-B

Part number: 552083





Data sheet

Feature	Value
Size	63
Swivel angle	0 deg...270 deg
Permissible stop radius	50 mm
Mounting position	Any
Mode of operation	Double-acting
Design	Vane
Position detection	None
Operating pressure	0.15 MPa...1 MPa 1.5 bar...10 bar
Max. swivel frequency at 0.6 MPa (6 bar, 87 psi)	1.6 Hz
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-B1/B2-L
Ambient temperature	-10 °C...60 °C
Max. stop force	1050 N
Max. axial force	500 N
Max. radial force	500 N
Theoretical torque at 0.6 MPa (6 bar, 87 psi)	40 Nm
Product weight	4220 g
Type of mounting	With female thread
Pneumatic connection	G1/4
Note on materials	RoHS compliant
Material drive shaft	Steel nickel-plated
Material seals	TPE-U(PU)
Material housing	Anodised aluminium