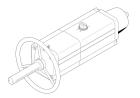
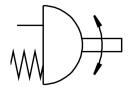
Semi-rotary drive DAPS-0720-090-RS4-F14-MW Part number: 8005065







Data sheet

Value
0720
F14
92 deg
38.5 mm
One end position optionally adjustable
ISO 5211
No cushioning
optional
Single-acting
Scotch yoke system
Without
Closes to the right
VDI/VDE 3845 (NAMUR)
Up to SIL 2 High Demand mode To SIL 2 Low Demand mode
0.56 MPa 5.6 bar
0.56 MPa0.84 MPa 5.6 bar8.4 bar
0.56 MPa 5.6 bar
To EU Explosion Protection Directive (ATEX)
To UK EX instructions
Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)
German Technical Control Board North (TÜV Nord) 212170801
II 2G
II 2D
Ex h IIC T6T3 Gb X
Ex h IIIC T85°CT200°C Db X
-50°C <= Ta <= +60°C

Feature	Value
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Ambient temperature	-20 °C80 °C
Torque at nominal operating pressure and 0° swivel angle	720 Nm
Torque at nominal operating pressure and 50° swivel angle	360 Nm
Torque at nominal operating pressure and 90° swivel angle	480 Nm
Spring return torque at 0° swivel angle	480 Nm
Spring return torque at 50° swivel angle	360 Nm
Spring return torque at 90° swivel angle	720 Nm
Spring strength	4
Air consumption at 0.6 MPa (6 bar, 87 psi) per cycle 0°-nominal swivel angle-0°	29.41
Product weight	38800 g
Shaft connection	T36
Pneumatic connection	G1/4
Note on materials	RoHS-compliant
Material cover	Wrought aluminium alloy
Material seals	FPM NBR PUR
Material housing	Wrought aluminium alloy
Material screws	High-alloy steel
Material shaft	High-alloy steel
Material number shaft	1.4305