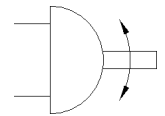
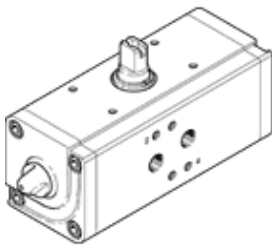


Semi-rotary actuator DAPS-0060-090-R-F0507

Part number: 533477

FESTO



Data sheet

Feature	Value
Size of actuator	0060
Flange hole pattern	F05 F07
Swivel angle	90 deg
End-position adjustment range at 0°	-1 ... 9 deg
Shaft connection depth	16.5 mm
Fitting connection conforms to standard	ISO 5211
Cushioning	No cushioning
Assembly position	Any
Mode of operation	double-acting
Design structure	Yoke kinematics
Position detection	No
Closing direction	right-closing
Valve connection conforms to standard	VDI/VDE 3845 (NAMUR)
Safety Integrity Level (SIL)	Product can be used in SRP/CS up to SIL 2 (high demand) Product can be used in SRP/CS up to SIL 2 low demand
Working pressure	1 ... 8.4 bar
Nominal working pressure	5.6 bar
ATEX category Gas	II 2G
Explosion ignition protection type Gas	c TX X
ATEX category Dust	II 2D
Explosion ignition protection type Dust	c TX X
Explosion-proof ambient temperature	-20°C ≤ Ta ≤ +60°C
Ambient temperature	-20 ... 80 °C
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
CE symbol (see declaration of conformity)	according to EU-Ex protection guideline (ATEX)
Corrosion resistance classification CRC	3 - High corrosion stress
Torque at rated working pressure and 0° rotation angle	60 Nm
Torque at nominal operating pressure with 50° swivel angle	30 Nm
Torque at nominal operating pressure with 90° swivel angle	45 Nm
Note about the torque	The operating torque of the actuator must not be higher than the maximum permissible torque listed in ISO 5211, with reference to the size of the mounting flange and of the coupling.
Air consumption at 6 bar per cycle 0°-90°-0°	3 l
Product weight	1,600 g
Shaft connection	V14
Pneumatic connection	G1/8
Materials note	Conforms to RoHS
Material cover	Wrought Aluminum alloy
Material seals	FPM NBR PUR
Material housing	Wrought Aluminum alloy
Material screws	High alloy steel
Material shaft	High alloy steel
Material number for shaft	1.4305