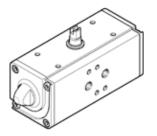
## semi-rotary drive DAPS-0030-090-R-F04-T6 Part number: 553173

double-acting, air connection to VDI/VDE 3845 Namur valves, direct flange mounting, version with handwheel, low temperature version.



## **Data sheet**

Feature	Value
Size of actuator	0030
Flange hole pattern	F04
Swivel angle	90 deg
End-position adjustment range at 0°	-1 9 deg
Shaft connection depth	13.2 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
Operating pressure	3 8.4 bar
Nominal operating pressure	5.6 bar
CE mark (see declaration of conformity)	to EU directive explosion protection (ATEX)
ATEX category Gas	
ATEX category Dust	20    2D
Explosion ignition protection type Gas	Ex h IIC T6T3 Gb X
Explosion ignition protection type Gas	Ex h IIIC T85°CT200°C Db X
Explosion-proof ambient temperature	$-50^{\circ}C \le Ta \le +60^{\circ}C$
	Compressed air in accordance with IS08573-1:2010 [7:4:4]
Operating medium	
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Corrosion resistance classification CRC	3 - High corrosion stress
Ambient temperature	-50 60 °C
Torque at rated operating pressure and 0° rotation angle	30 Nm
Torque at nominal operating pressure with 50° swivel angle	15 Nm
Torque at nominal operating pressure with 90° swivel angle	22.5 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°	1.05 l
Product weight	1,000 g
Shaft connection	T11
Pneumatic connection	G1/8
Materials note	Contains PWIS substances
	Conforms to RoHS
Material cover	Wrought Aluminium alloy
Material seals	FVMQ
	PTFE reinforced
Material housing	Wrought Aluminium alloy
Material screws	High alloy steel
Material shaft	High alloy steel
Material number for shaft	1.4305



**FESTO**