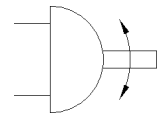
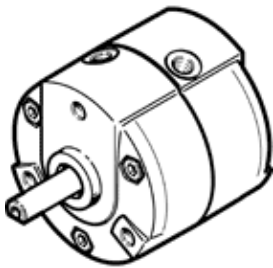


# semi-rotary drive DRVS-12-180-P-EX4

Part number: 2536488

FESTO



## Data sheet

Feature	Value
Size	12
Cushioning angle	0.5 deg
Swivel angle	0 ... 180 deg
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Mode of operation	double-acting
Design structure	Rotary vane
Position detection	For proximity sensor
Variants	Spigot shaft
Operating pressure	2.5 ... 8 bar
Max. swivel frequency at 6 bar	3 Hz
CE mark (see declaration of conformity)	to EU directive explosion protection (ATEX)
ATEX category Gas	II 2G
ATEX category Dust	II 2D
Explosion ignition protection type Gas	Ex h IIC T4 Gb X
Explosion ignition protection type Dust	Ex h IIIC T120°C Db X
Explosion-proof ambient temperature	0°C ≤ Ta ≤ +60°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)
Corrosion resistance classification CRC	1 - Low corrosion stress
Ambient temperature	0 ... 60 °C
Max. axial force	20 N
Max. radial force	25 N
Theoretical torque at 6 bar	1 Nm
Permissible mass moment of inertia	0.005 kgm <sup>2</sup>
Product weight	152 g
Mounting type	with internal (female) thread
Pneumatic connection	M5
Materials note	Conforms to RoHS
Material of drive shaft	High alloy steel, non-corrosive
Material seals	TPE-U(PU)
Material housing	Aluminium die cast Painted