

# Semi-rotary drive DSR-12-180-P

Part number: 11909

FESTO



 General operating condition

## Data sheet

Feature	Value
Size	12
Cushioning angle	2.2 deg
Rotation angle adjustment range	0 deg ... 180 deg
Swivel angle	0 deg ... 180 deg
Cushioning	Elastic cushioning rings/plates at both ends
Mounting position	Any
Mode of operation	Double-acting
Design	Vane
Position detection	None
Symbol	00991265
Operating pressure	0.2 MPa ... 0.8 MPa
Operating pressure	2 bar ... 8 bar
Max. swivel frequency at 0.6 MPa (6 bar, 87 psi)	3 Hz
Operating medium	Compressed air to ISO 8573-1:2010 [7:--]
LABS (PWIS) conformity	VDMA24364-B2-L
Ambient temperature	-10 °C ... 60 °C
Max. axial force	18 N
Max. radial force	45 N
Theoretical torque at 0.6 MPa (6 bar, 87 psi)	1 Nm
Product weight	200 g
Type of mounting	With through-hole
Pneumatic connection	M5
Material covering	Reinforced PA
Material drive shaft	Steel nickel-plated
Material seals	NBR
Material housing	Die-cast zinc