

Semi-rotary actuator DRQ-80- -180-PPVJ-A

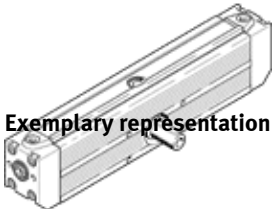
Part number: 150190
Product to be discontinued

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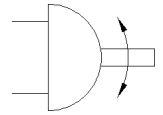
For proximity sensing, with adjustable end position cushioning and backlash-compensating gearing.

Variant with selectable swivel angle from 91 to 179°.

Type to be discontinued. Available until 2017. See Support Portal for alternative products.



Exemplary representation



Data sheet

Feature	Value
Size	80
Cushioning angle	65 deg
Setting range of swivel angle on both sides	-12 /+10 deg
Swivel angle	180 deg
Cushioning	PPVJ: Pneumatic cushioning, adjustable
Assembly position	Any
Design structure	Rack and pinion
Position detection	For proximity sensor
Working pressure	2.5 ... 10 bar
Max. swivel frequency at 6 bar	1.3 Hz
Mode of operation	double-acting
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:::]
Ambient temperature	-10 ... 60 °C
Theoretical torque at 6 bar	75 Nm
Permissible mass moment of inertia	0.12 kgm ²
Product weight	20,700 g
Mounting type	with internal (female) thread
Pneumatic connection	G3/8
Materials information for drive shaft	Case-hardened steel
Materials information for seals	TPE-U(PU)