

# Semi-rotary actuator DRQ-80- -90-PPV-A

Part number: 150251  
Product to be discontinued

FESTO

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

Variant with selectable swivel angle from 0 to 89°.

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



Exemplary representation



## Data sheet

Feature	Value
Size	80
Cushioning angle	69 deg
Swivel angle	90 deg
End-position tolerance	4 deg
Cushioning	PPV: Pneumatic cushioning adjustable at both ends
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	1.7 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 <sup>2</sup>
Product weight	16,000 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)