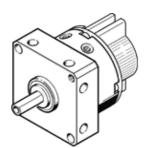
semi-rotary drive DSM-8-90-P-A Part number: 173197

FESTO

with spigot shaft, fixed stop and position sensing





Data sheet

Feature	Value
Size	8
Cushioning angle	0.5 deg
Swivel angle	0 90 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
Operating pressure	3.5 8 bar
Max. swivel frequency at 6 bar	3 Hz
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)
Ambient temperature	0 60 °C
Theoretical torque at 6 bar	0.35 Nm
Permissible mass moment of inertia	0.0013 kgm2
Product weight	85 g
Mounting type	with internal (female) thread
Pneumatic connection	M3
Materials note	Free of copper and PTFE
	Conforms to RoHS
Material of drive shaft	High alloy steel, non-corrosive
Material seals	TPE-U(PU)
Material housing	Aluminium
	Anodised