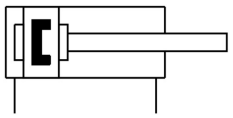
Flat cylinder
DZF-50- -P-A-S6

Part number: 164066





Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Stroke	1 mm ... 320 mm
Piston diameter	Equivalent diameter 50 mm
Max. angle of rotation of the piston rod +/-	0.5 deg
Type code	DZF
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Mode of operation	Double-acting
Design	Piston Piston rod
Position sensing	For proximity sensor
Symbol	00991217
Variants	Heat-resistant seals max. 120°C
Protection against torsion/guide	Oval piston
Operating pressure	1 bar ... 10 bar
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Ambient temperature	0 °C ... 120 °C
Max. torque for protection against rotation	1.2 Nm
Theoretical force at 6 bar, retracting	990 N
Theoretical force at 6 bar, advancing	1178 N
Moving mass at 0 mm stroke	219 g
Additional weight per 10 mm stroke	64 g
Basic weight with 0 mm stroke	854 g
Additional moving mass per 10 mm stroke	25 g
Type of mounting	With internal thread With accessories Optionally:
Pneumatic connection	G1/4
Cover material	Wrought aluminum alloy
Seals material	FPM
Housing material	Aluminum Smooth anodized
Piston rod material	High-alloy steel