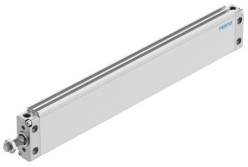
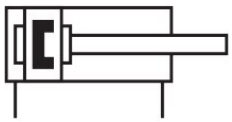
Flat cylinder
DZF-32-320-A-P-A

Part number: 161273





- General operating condition
- Flat cylinder
- Product details
- Category page
- Spare parts

Data sheet

Feature	Value
Stroke	320 mm
Piston diameter	32 mm Equivalent diameter
Piston rod thread	M10x1.25
Torsional backlash at piston rod +/-	0.8 deg
Cushioning	Elastic cushioning rings/plates at both ends
Mounting position	Any
Mode of operation	Double-acting
Design	Piston Piston rod
Position detection	Via proximity switch
Symbol	00991217
Variants	Piston rod at one end
Protection against torque/guide	Oval piston
Operating pressure	0.1 MPa ... 1 MPa
Operating pressure	1 bar ... 10 bar
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Ambient temperature	-20 °C ... 80 °C
Impact energy in end positions	0.4 J
Max. torque for protection against torsion	0.8 Nm
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	415 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	483 N
Moving mass for 0 mm stroke	65 g
Additional moving mass per 10 mm stroke	9 g
Additional weight per 10 mm stroke	24 g
Basic weight for 0 mm stroke	272 g
Type of mounting	With female thread With accessories
Pneumatic connection	G1/8

Feature	Value
Material cover	Die-cast aluminium
Material seals	HNBR TPE-U(PU)
Material housing	Anodised wrought aluminium alloy
Material piston seal	NBR
Material piston rod	High-alloy steel