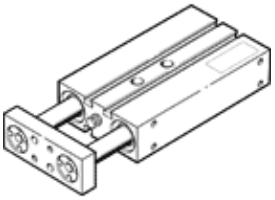
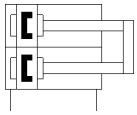
Twin-piston cylinder
DPZ-16-80-P-A

Part number: 32690

With two parallel piston rods, for proximity sensing, with elastic cushioning rings in end positions.





Data sheet

Feature	Value
Centre of gravity distance from working load to yoke plate	0 mm
Stroke	80 mm
Adjustable end-position range/length	10 mm
Piston diameter	16 mm
Operating mode of drive unit	Yoke
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Guide	Plain-bearing guide
Design structure	Guide
Position detection	For proximity sensor
Operating pressure MPa	0.1 ... 1 MPa
Working pressure	1 ... 10 bar
Mode of operation	double-acting
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)
Corrosion resistance classification CRC	2 - Moderate corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Ambient temperature	-20 ... 80 °C
Impact energy in end positions	0.15 Nm
Max. useful load as a function of the stroke at defined distance xs	9 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	180 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	242 N
alternative connections	See product drawing
Pneumatic connection	M5
Material cover	Wrought Aluminum alloy
Material seals	NBR
Material housing	Wrought Aluminum alloy
Material piston rod	High alloy steel, non-corrosive