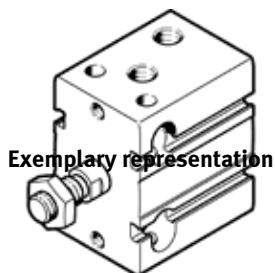


# Compact cylinder

## DPDM-...-32- -

Part number: 4650681



## Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Stroke	5 ... 50 mm
Piston diameter	32 mm
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Mode of operation	double-acting single-acting pushing action pulling action
Design structure	Piston Piston rod Profile barrel
Position detection	For proximity sensor
Variants	Through piston rod Through, hollow piston rod Heat resistant seals, max. 120°C Single-ended piston rod Recommended for production facilities for the manufacture of lithium-ion batteries
Protection against torque/guide	Guide rod with yoke
Operating pressure MPa	0.1 ... 0.8 MPa
Working pressure	1 ... 8 bar
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	0 - No corrosion stress 1 - Low corrosion stress 2 - Moderate corrosion stress
PWIS conformity	VDMA24364-B2-L
RSBP classification to CD-0033	F1a
Cleanroom class	ISO class 6
Ambient temperature	-10 ... 120 °C
Theoretical force at 0.6 MPa (6 bar, 87 psi)	415 ... 483 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	415 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	415 ... 483 N
Mounting type	with through hole with internal (female) thread Optional
Pneumatic connection	G1/8
Materials note	Conforms to RoHS
Material cover	Wrought Aluminum alloy
Material housing	Anodised wrought aluminium alloy
Material piston rod	High alloy steel, non-corrosive