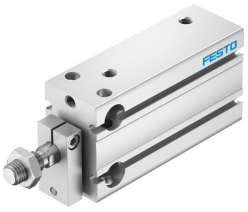
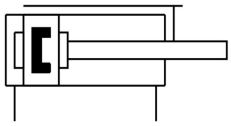
Compact air cylinder
DPDM-Q-6-5-PA

Part number: 4830961





Data sheet

Feature	Value
Stroke	5 mm
Piston diameter	6 mm
Type code	DPDM
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Mode of operation	Double-acting
Structural design	Piston Piston rod Profile barrel
Position sensing	For proximity sensor
Symbol	00991737
Variants	Piston rod at one end
Protection against torsion/guide	Guide rod with yoke
Operating pressure	0.2 MPa ... 0.8 MPa
Operating pressure	2 bar ... 8 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)	1 - Low corrosion stress
Ambient temperature	-10 °C ... 80 °C
Theoretical force at 6 bar	17 N
Theoretical force at 6 bar, retracting	13 N
Theoretical force at 6 bar, advancing	17 N
Moving mass at 0 mm stroke	7.1 g
Additional weight per 10 mm stroke	6.3 g
Basic weight with 0 mm stroke	25.5 g
Additional moving mass per 10 mm stroke	0.9 g
Type of mounting	Optionally: With through-hole With internal thread
Pneumatic connection	M5
Note on materials	RoHS-compliant
Cover material	Wrought aluminum alloy
Seals material	NBR TPE-U(PU)
Housing material	Wrought aluminum alloy, anodized
Piston rod material	High-alloy stainless steel