



Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Stroke	10 ... 400 mm
Piston diameter	32 mm
Operating mode of drive unit	Yoke
Cushioning	P: Flexible cushioning rings/plates at both ends PPS: Self-adjusting pneumatic end-position cushioning PPV: Pneumatic cushioning adjustable at both ends
Assembly position	Any
Guide	Plain-bearing guide
Design structure	Guide
Position detection	For proximity sensor
Variants	For unlubricated operation
Operating pressure MPa	0.2 ... 1.2 MPa
Operating pressure	2 ... 12 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	3 - High corrosion stress
PWIS conformity	VDMA24364-B2-L
Food-safe	See Supplementary material information
Ambient temperature	-20 ... 80 °C
Impact energy in end positions	0.4 J
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	415 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	483 N
Torsional backlash	0.098 deg
Mounting type	with through hole with internal (female) thread Optional
Pneumatic connection	G1/8
Materials note	Conforms to RoHS
Material guide rod	High alloy steel, non-corrosive
Material housing	Wrought Aluminium alloy
Material piston rod	High alloy steel, non-corrosive
Material cylinder barrel	Wrought Aluminium alloy