



Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Stroke	100 ... 500 mm
Piston diameter	8 mm
Cushioning	P: Flexible cushioning rings/plates at both ends YXR: Shock absorber, hard characteristic curve
Assembly position	Any
Guide	Recirculating ball bearing guide
Max. number of intermediate positions	4
Driver principle	positive-locking (slot)
Position detection	For proximity sensor
Variants	Pulling
Operating pressure	2.5 ... 8 bar
Mode of operation	double-acting
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:-:]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Corrosion resistance classification CRC	1 - Low corrosion stress
PWIS conformity	VDMA24364-B2-L
Ambient temperature	-10 ... 60 °C
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	30 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	30 N
Additional mass factor per 10 mm of stroke	12 g
alternative connections	See product drawing
Pneumatic connection	M3
Material cover	POM
Material seals	TPE-U(PU)
Material housing	Aluminium Anodised