



## Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	values
Stroke	10 ... 3,000 mm
Piston diameter	25 mm
Cushioning	PPV: Pneumatic cushioning adjustable at both ends YXR: Shock absorber, hard characteristic curve
Assembly position	Any
Guide	Basic guide Plain-bearing guide Recirculating ball bearing guide Heavy-duty guide
Driver principle	positive-locking (slot)
Position detection	For proximity sensor With attached displacement encoder With integrated displacement encoder
Variants	Supply port on both ends Protected version Standard slide Extended slide Clamping attachment at back Clamping unit, at bottom Clamping attachment, at front
Operating pressure	2 ... 8 bar
Mode of operation	double-acting
ATEX category Gas	II 2G
Explosion ignition protection type Gas	c T4 X
Explosion-proof ambient temperature	-10°C ≤ Ta ≤ +60°C
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)
CE mark (see declaration of conformity)	to EU directive explosion protection (ATEX)
Corrosion resistance classification CRC	0 - No corrosion stress 1 - Low corrosion stress 2 - Moderate corrosion stress
Protection class	IP65
Ambient temperature	-10 ... 60 °C
Cushioning length	18 mm
Theoretical force at 6 bar, return stroke	295 N
Theoretical force at 6 bar, advance stroke	295 N
alternative connections	See product drawing
Pneumatic connection	G1/8
Materials note	Free of copper and PTFE
Materials information for cover	Aluminium casting coated
Materials information for seals	NBR TPE-U(PU)
Materials information, housing	Aluminium Anodised