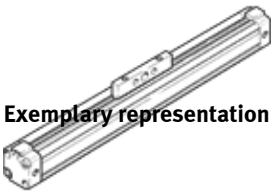
linear drive
DGP-32- -

Part number: 175135
Classic - do not use for new projects

Modern alternatives can be found by entering the first four characters of the type code in the search field.



Exemplary representation

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Stroke	10 ... 3,000 mm
Piston diameter	32 mm
Cushioning	PPV: Pneumatic cushioning adjustable at both ends YXR: Shock absorber, hard characteristic curve
Assembly position	Any
Guide	Plain-bearing guide Basic 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 MPa	0.2 ... 0.8 MPa
Operating pressure	2 ... 8 bar
Mode of operation	double-acting
CE mark (see declaration of conformity)	to EU directive explosion protection (ATEX)
UKCA marking (see declaration of conformity)	To UK EX instructions
ATEX category Gas	II 2G
Explosion ignition protection type Gas	Ex h IIC T4 Gb 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)
Corrosion resistance classification CRC	0 - No corrosion stress 1 - Low corrosion stress 2 - Moderate corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Protection class	IP65
Ambient temperature	-10 ... 60 °C
Cushioning length	20 mm
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	483 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	483 N
alternative connections	See product drawing

Feature	Value
Pneumatic connection	G1/8
Material cover	Aluminium casting coated
Material seals	NBR TPE-U(PU)
Material housing	Aluminium Anodised