Linear drive
DGC-K-63- -

Part number: 1312505

General operating condition

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Stroke	1 mm ... 5000 mm
Piston diameter	63 mm
Cushioning	Pneumatic cushioning, adjustable at both ends
Mounting position	optional
Position detection	Via proximity switch
Variants	Supply port at both ends Standard piston Extended piston
Operating pressure	0.15 MPa ... 0.8 MPa
Operating pressure	1.5 bar ... 8 bar
Mode of operation	Double-acting
CE mark (see declaration of conformity)	To EU Explosion Protection Directive (ATEX)
UKCA marking (see declaration of conformity)	To UK EX instructions
Explosion protection	Zone 1 (ATEX) Zone 2 (ATEX) Zone 22 (ATEX)
ATEX category gas	II 2G
ATEX category dust	II 3D
Explosion ignition protection type for gas	Ex h IIC T4 Gb X
Explosion ignition protection type for dust	Ex h IIIC T120°C Dc X
Explosion ambient temperature	-10 °C <= Ta <= +60 °C
Operating medium	Compressed air to ISO 8573-1:2010 [7:-:-]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Suitable for use with food	See supplementary material information
Ambient temperature	-10 °C ... 60 °C
Cushioning length	30 mm
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	1870 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	1870 N
alternative connections	See product drawing
Type of mounting	With accessories
Note on materials	RoHS-compliant
Material cover	Die-cast aluminium

Feature	Value
Material seals	NBR TPE-U(PU)