

linear drive

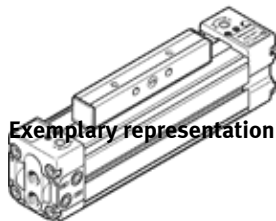
DGC-K-18- -

Part number: 1312500

★ Core product range

FESTO

Other stroke lengths upon request. Refer to the catalogue pages (PDF) for the characteristic load values.



Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Stroke	1 ... 3,000 mm
Piston diameter	18 mm
Cushioning	PPV: Pneumatic cushioning adjustable at both ends
Assembly position	Any
Position detection	For proximity sensor
Variants	Supply port on both sides Standard piston Extended piston
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
ATEX category Dust	II 3D
Explosion ignition protection type Gas	Ex h IIC T4 Gb X
Explosion ignition protection type Dust	Ex h IIIC T120°C Dc 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	1 - Low corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Food-safe	See Supplementary material information
Ambient temperature	-10 ... 60 °C
Cushioning length	16 mm
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	153 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	153 N
alternative connections	See product drawing
Mounting type	with accessories
Materials note	Conforms to RoHS
Material cover	Aluminium die cast
Material seals	NBR TPE-U(PU)