

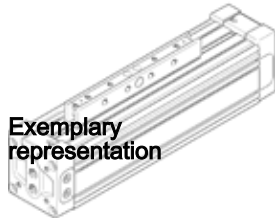
linear drive DGC-K-80- -

Part number: 1312506

☆ 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	values
Stroke	1 ... 3,000 mm
Piston diameter	80 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
Operating pressure	1.5 ... 8 bar
Mode of operation	double-acting
ATEX category Gas	II 2G
Explosion ignition protection type Gas	c T4 X
ATEX category Dust	II 3D
Explosion ignition protection type Dust	c 120°C 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	1 - Low corrosion stress
Food-safe	See Supplementary material information
Ambient temperature	-10 ... 60 °C
Cushioning length	83 mm
Theoretical force at 6 bar, return stroke	3,016 N
Theoretical force at 6 bar, advance stroke	3,016 N
alternative connections	See product drawing
Mounting type	with accessories
Materials note	Conforms to RoHS
Materials information for cover	Gravity die-cast aluminium
Materials information for seals	NBR TPE-U(PU)