

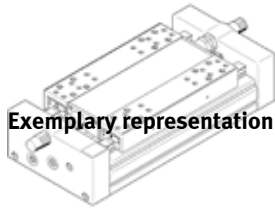
# linear drive

## DGC-25- -HD-

Part number: 567548

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 ... 5,000 mm
Piston diameter	25 mm
Cushioning	YXR: Shock absorber, hard characteristic curve YSRW: Shock absorber, soft characteristic curve
Assembly position	Any
Guide	Recirculating ball bearing guide
Position detection	For proximity sensor
Variants	protected recirculating ball bearing guide Additional slide, on left as standard Additional slide, on right as standard
Operating pressure MPa	0.25 ... 0.8 MPa
Operating pressure	2.5 ... 8 bar
Mode of operation	double-acting
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
PWIS conformity	VDMA24364 zone III
Ambient temperature	-10 ... 60 °C
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	295 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	295 N
Moving mass	2.246 kg
Moving mass with 0 mm stroke	7.509 kg
Additional weight per 10 mm stroke	0.105 kg
Mounting type	with accessories
Materials note	Conforms to RoHS
Material cover	Wrought Aluminium alloy
Material seals	NBR TPE-U(PU)