

Technical data

FESTO

 Condition of use

Part number: 532450
Order code 1: DGC-50-850-GF-PPV-A
Order-ID: C 406602

Technical data

Feature name	Value
Stroke	850 mm
Piston diameter	50 mm
Short type code	DGC
Cushioning	Pneumatic cushioning, adjustable at both ends
Mounting position	Any
Guide	Basic guide Recirculating ball bearing
Position detection	For proximity switch
Operating pressure (MPa)	0,150...0,800 MPa
Operating pressure (bar)	1,500...8,000 bar
Operating mode	Double-acting
Corrosion resistance class KBK	Moderate corrosion stress - 2
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Food-safe	See material details
Cushioning length	29.8 mm
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	1178 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advancing	1178 N
alternative connections	See product drawing
Type of mounting	"With accessories" means indirect mounting via an intermediate element.
Pneumatic connection on clamping unit	M5
Note on materials	RoHS-compliant
Cover material	Wrought aluminum alloy
Sealing material	TPE-U(PU) NBR