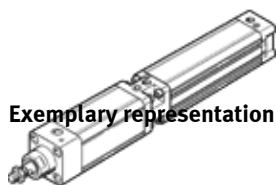


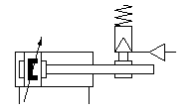
cylinder with clamping unit DNCKE-63- -PPV-A-S

Part number: 538240

FESTO



Exemplary representation



Data sheet

Feature	Value
Stroke	10 ... 2,000 mm
Piston diameter	63 mm
Piston rod thread	M16x1,5
Based on the standard	ISO 15552 (previously also VDMA 24652, ISO 6431, NF E49 003.1, UNI 10290)
Cushioning	PPV: Pneumatic cushioning adjustable at both ends
Assembly position	Any
Type of clamping with direction of action	at both ends Clamping with spring, release with compressed air
Piston-rod end	Male thread
Design structure	Piston Piston rod Profile barrel
Position detection	For proximity sensor
Variants	Single-ended piston rod
Safety function	Stopping a linear movement
Performance level (PL)	Kat. 1, PLc
Operating pressure	0.6 ... 8 bar
Max. permissible test pressure	10 bar
Minimum release pressure	3.8 bar
Mode of operation	double-acting
Authorisation	IFA
CE mark (see declaration of conformity)	to EU directive for machinery
Certificate issuing department	IFA 0404019
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Corrosion resistance classification CRC	0 - No corrosion stress
Ambient temperature	-10 ... 60 °C
Cushioning length	22 mm
Static holding force	3,200 N
Theoretical force at 6 bar, return stroke	1,682 N
Theoretical force at 6 bar, advance stroke	1,870 N
Moving mass with 0 mm stroke	935 g
Additional weight per 10 mm stroke	73 g
Basic weight for 0 mm stroke	5,485 g
Additional mass factor per 10 mm of stroke	25 g
Mounting type	with internal (female) thread with accessories
Release connection, clamping unit	G1/4
Pneumatic connection	G3/8
Materials note	Conforms to RoHS
Material cover	Aluminium die cast Wrought Aluminium alloy
Material seals	NBR TPE-U(PU)
Material housing	Wrought Aluminium alloy
Material piston rod	Heat-treatment steel
Material cylinder barrel	Smooth-anodised wrought aluminium alloy