
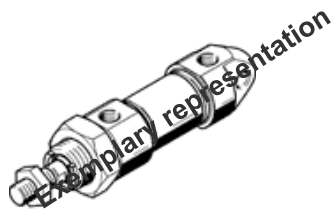


# ISO cylinder CRDSNU-16-

Part number: 552788


 General operating conditions

 Data sheet


## Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Stroke	1 ... 200 mm
Piston diameter	16 mm
Based on the standard	ISO 6432
Cushioning	P: Flexible cushioning rings/plates at both ends PPS: Self-adjusting pneumatic end-position cushioning
Assembly position	Any
Design structure	Piston Piston rod Cylinder barrel
Position detection	For proximity sensor
Variants	Hard scraper For unlubricated operation Increased chemical resistance Extended male piston rod thread Extended piston rod Bearing cap without mounting thread lateral supply port Through piston rod Heat resistant seals, max. 120°C Temperature range -40 - 80 °C Single-ended piston rod
Operating pressure	1 ... 10 bar
Mode of operation	double-acting
ATEX category Gas	II 2G
Explosion ignition protection type Gas	c T4
ATEX category Dust	II 2D
Explosion ignition protection type Dust	c 120°C
Explosion-proof ambient temperature	-20°C ≤ Ta ≤ +60°C
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
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	3 - High corrosion stress
Food-safe	See Supplementary material information
Ambient temperature	-40 ... 120 °C
Theoretical force at 6 bar, return stroke	104 N
Theoretical force at 6 bar, advance stroke	121 N
Mounting type	with accessories
Pneumatic connection	M5
Materials note	Conforms to RoHS
Material cover	High alloy steel, non-corrosive
Material piston rod	High alloy steel, non-corrosive

Feature	Value
Material cylinder barrel	High alloy steel, non-corrosive