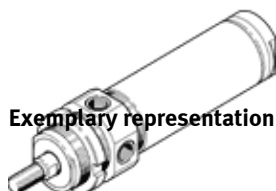
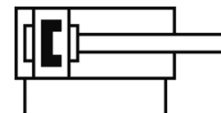


# Round cylinder CRDG-50- -P-A

Part number: 160986

FESTO

Corrosion resistant,  
for proximity sensing, with elastic cushioning rings in end positions.  
Type to be discontinued. Available until 2012.



Exemplary representation

## Data sheet

Feature	Value
Stroke	10 ... 500 mm
Piston diameter	50 mm
Based on the standard	ISO 6431
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Design structure	Piston Piston rod
Position detection	For proximity sensor
Operating pressure	1 ... 10 bar
Mode of operation	double-acting
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)
Corrosion resistance classification CRC	4
Ambient temperature	-20 ... 80 °C
Theoretical force at 6 bar, return stroke	990 N
Theoretical force at 6 bar, advance stroke	1,178 N
Additional weight per 10 mm stroke	35 g
Basic weight for 0 mm stroke	1,950 g
Mounting type	Optional with external (male) thread with accessories
Pneumatic connection	G1/4
Materials information for cover	High alloy steel, non-corrosive
Materials information for seals	TPE-U(PU)
Materials information, housing	High alloy steel, non-corrosive
Materials information for piston rod	High alloy steel, non-corrosive