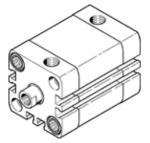
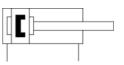
Compact cylinder ADN-50-80-I-P-A Part number: 536329 ★ Core product range

Per ISO 21287, with position sensing and internal piston rod thread



Data sheet

Feature	values
Stroke	80 mm
Piston diameter	50 mm
Piston rod thread	M10
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Conforms to standard	ISO 21287
Piston-rod end	Female thread
Position detection	For proximity sensor
Variants	Single-ended piston rod
Working pressure	0.6 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	2
Ambient temperature	-20 80 °C
Impact energy in end positions	
Theoretical force at 6 bar, return stroke	1.057 N
Theoretical force at 6 bar, advance stroke	1,178 N
Moving mass with 0 mm stroke	140 g
Additional weight per 10 mm stroke	51 g
Basic weight for 0 mm stroke	540 g
Additional mass factor per 10 mm of stroke	16 g
Mounting type	Optional
	with through hole
	with internal (female) thread
	with accessories
Pneumatic connection	G1/8
Materials note	Conforms to RoHS
Materials information for cover	Aluminum
	Anodized
Materials information for seals	TPE-U(PUR)
Materials information for piston rod	High alloy steel
Materials information for cylinder barrel	Wrought Aluminum alloy
	Smooth anodized



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