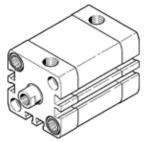
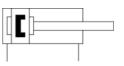
## Compact cylinder ADN-40-40-I-P-A Part number: 536305 Core product range

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



## **Data sheet**

Feature	values
Stroke	40 mm
Piston diameter	40 mm
Piston rod thread	M8
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 IS08573-1:2010[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	0.7 J
Theoretical force at 6 bar, return stroke	686 N
Theoretical force at 6 bar, advance stroke	754 N
Moving mass with 0 mm stroke	80 g
Additional weight per 10 mm stroke	37 g
Basic weight for 0 mm stroke	346 g
Additional mass factor per 10 mm of stroke	9 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



**FESTO**