

ISO 6432 round cylinder, stainless steel, Ø 20 mm, stroke 80 mm - Airtec ZDM 20/80 ES

Item no. FL-ZDM-20/80-ES

Manufacturer Airtec

EAN 4050571811914

Double-acting ISO 6432 round cylinder in stainless steel with a 20 mm bore and 80 mm stroke. Body and tube in 1.4301, piston rod in 1.4436, with a magnetic piston for contactless end-position sensing. Suited to corrosive environments and applications with high hygiene requirements.

TECHNICAL DATA

Colour	Stainless Steel
Norm	ISO 6432
Weight	0.37 kg
Zolltarifnummer	84123100



STANDARDS & COMPLIANCE

ISO 6432

DESCRIPTION

The Airtec ZDM 20/80 ES is a double-acting round cylinder to ISO 6432 with a 20 mm bore and 80 mm stroke. Body, cylinder tube and piston rod are made of stainless steel, allowing use in corrosive environments and applications with high hygiene requirements. The integrated magnetic piston allows wear-free end-position sensing.

BENEFITS

- 20 mm bore and 80 mm stroke for a defined positioning task.
- Magnetic piston for contactless end-position sensing without mechanical switches.
- Body and tube in 1.4301, piston rod in 1.4436 for high corrosion resistance.
- Operating pressure up to 10 bar and a temperature range from -20 °C to +80 °C.
- G 1/8" port on both end caps, piston rod thread M 8.

Optionally available with FKM seals for an extended temperature range up to +150 °C (designation - V, without magnetic piston).

TECHNICAL DATA

Head and end cap	1.4301
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Cylinder tube	1.4301
Piston rod	1.4436
Seals	NBR / PUR
Temperature range	-20 °C to +80 °C
Operating pressure	max. 10 bar
Design	with magnetic piston
Cylinder sensor type	E with mounting E1
Optional	FKM seals up to +150 °C (-V)
Piston diameter [mm]	20
Stroke [mm]	80
Design	Standard
A (piston rod thread)	M 8
B (mounting thread)	M 22x1,5
R (air connection)	G 1/8"
A1 [mm]	8
C [mm]	27
D [mm]	16
E [mm]	8
F [mm]	20
G [mm]	95
K [mm]	24
L [mm]	20
M [mm]	131
N [mm]	12
P [mm]	67
CH [mm]	7
Weight	0.37 kg

APPLICATIONS

The cylinder is used for feed, clamping and handling tasks in machine and plant construction, in assembly fixtures and wherever a compact ISO 6432 round cylinder with end-position sensing is required.

Compliant with ISO 6432 for round cylinders with a 20 mm piston diameter.