

Round Cylinder ISO 6432, double-acting, Ø 16 mm, stroke 200 mm - Airtec ZDPM 16/200

Item no. FL-ZDPM-16/200

Manufacturer Airtec

EAN 4050571813833

Double-acting round cylinder to ISO 6432 with 16 mm piston diameter and 200 mm stroke. Stainless steel 1.4301 tube with magnetic piston for contactless end-position sensing. Adjustable end-position cushioning, operating pressure up to 10 bar.

TECHNICAL DATA

Certification	ATEX
Norm	ISO 6432
Weight	0.185 kg
Zolltarifnummer	84123100



STANDARDS & COMPLIANCE

ISO 6432

DESCRIPTION

The Airtec ZDPM 16/200 is a double-acting round cylinder to ISO 6432 with a 16 mm piston diameter and 200 mm stroke. The stainless steel 1.4301 cylinder tube and 1.4305 piston rod give it corrosion resistance and long service life, while the built-in magnetic piston allows contactless end-position sensing.

BENEFITS

- 16 mm piston diameter with 200 mm stroke for compact installation.
- Cylinder tube in stainless steel 1.4301 and piston rod in 1.4305, corrosion resistant.
- Magnetic piston for contactless position sensing with cylinder switches (type C or D).
- Adjustable end-position cushioning reduces impact forces at the stroke end.
- Operating pressure up to 10 bar, temperature range -20°C to +80°C.
- Optional FKM seals up to +150°C (version -V) and ATEX design (version -X).

TECHNICAL DATA

Head and foot	anodised aluminium
Cylinder tube	stainless steel 1.4301
Piston rod	stainless steel 1.4305

A1-ESD equipment

Keldersstr. 15
42697 Solingen, Deutschland
VAT ID: DE269659389

Phone: +49 212 38340680
shop@esd-equipment.com
fluidics-equipment.com

Page 1/2

Seals	NBR / PUR
Temperature range	-20°C to +80°C
Operating pressure	max. 10 bar
Piston version	with magnetic piston
Cylinder switch type	D with mounting D1, C with mounting C1
Piston diameter [mm]	16
Stroke [mm]	200
Version	adjustable end-position cushioning
A (piston rod thread)	M 6
B (mounting thread)	M 16x1,5
R (air connection)	M 5
A1 [mm]	6
C [mm]	19
D [mm]	12
E [mm]	6
F [mm]	16
G [mm]	82
K [mm]	22
L [mm]	18
M [mm]	109
N [mm]	9
P [mm]	53
CH [mm]	5
Weight	0.185 kg
Optional	FKM seals up to +150°C without magnetic piston (-V), ATEX Ex II 2GD c T5 T100° (-X)

APPLICATIONS

Used in handling and assembly technology, in jig and special-purpose machine building and wherever a standards-compliant round cylinder with position sensing and defined end-position cushioning is required.

STANDARD

Dimensions to ISO 6432. Cylinder switch type C or D for contactless end-position sensing via the magnetic piston.

A1-ESD equipment

Keldersstr. 15
42697 Solingen, Deutschland
VAT ID: DE269659389

Phone: +49 212 38340680
shop@esd-equipment.com
fluidics-equipment.com

Page 2/2