

ISO 6432 Cylinder Stainless Steel, Bore 16 mm, Stroke 125 mm - Airtec ZDMK 16/125 ES

Item no. FL-ZDMK-16/125-ES

Manufacturer Airtec

EAN 4050571812485

The Airtec ZDMK 16/125 ES is a double-acting round cylinder to ISO 6432 with 16 mm bore and 125 mm stroke, made entirely of stainless steel 1.4301 and 1.4436. The magnetic piston enables contactless end-position sensing. Operating pressure up to 10 bar.

TECHNICAL DATA

Colour	Stainless Steel
Norm	ISO 6432
Weight	1 kg
Zolltarifnummer	84123100



STANDARDS & COMPLIANCE

ISO 6432

DESCRIPTION

The Airtec ZDMK 16/125 ES is a double-acting pneumatic cylinder to ISO 6432 with a 16 mm bore and 125 mm stroke. Head, foot, cylinder tube and piston rod are made of stainless steel (1.4301 and 1.4436), qualifying the cylinder for humid, corrosive or wash-down environments. The through piston rod delivers force on both sides.

BENEFITS

- Fully stainless steel 1.4301 and 1.4436, corrosion-resistant in wet and cleaning areas.
- Magnetic piston as standard, end positions sensed via cylinder sensor type E with mounting E1.
- Through piston rod for force take-off on both sides.
- Operating pressure up to 10 bar, temperature range -20°C to +80°C.
- Optional FKM seals (-V) up to +150°C.

TECHNICAL DATA

Design	Round cylinder to ISO 6432
Function	double-acting, through piston rod
Bore	16 mm
Stroke	125 mm

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Page 1/2

Head and foot	1.4301
Cylinder tube	1.4301
Piston rod	1.4436
Seals	NBR / PUR
Medium	Compressed air
Operating pressure	max. 10 bar
Temperature range	-20°C to +80°C
Version	with magnetic piston
Cylinder sensor type	E with mounting E1
Piston rod thread (A)	M 6
Mounting thread (B)	M 16x1,5
Air port (R)	M 5
A1	6 mm
C	19 mm
D	12 mm
E	6 mm
F	16 mm
G	82 mm
K	22 mm
L	18 mm
M	109 mm
N	9 mm
P	53 mm
CH	5 mm
Optional	FKM seals (-20°C to max. +150°C, without magnetic piston) -V
Weight	0.200 kg

APPLICATIONS

Suitable for food, packaging and cleaning technology as well as handling and feed tasks in environments with high humidity or aggressive media.

COMPLIANCE

The cylinder conforms to the ISO 6432 round cylinder standard, so its port and mounting dimensions are interchangeable across manufacturers.