

ISO 6432 Cylinder, Double-Acting, Bore 25 mm, Stroke 500 mm - Airtec ZDMK 25/500

Item no. FL-ZDMK-25/500

Manufacturer Airtec

EAN 4050571813116

Double-acting ISO 6432 round cylinder with anodised aluminium head with 25 mm bore and 500 mm stroke. Through piston rod and magnetic piston, stainless steel 1.4301 tube, operating pressure up to 10 bar, G 1/8" port.

TECHNICAL DATA

Norm	ISO 6432
Weight	1 kg
Zolltarifnummer	84123100



STANDARDS & COMPLIANCE

ISO 6432

DESCRIPTION

The Airtec ZDMK 25/500 is a double-acting round cylinder to ISO 6432 with a 25 mm bore and 500 mm stroke. The through piston rod delivers force on both ends, and the magnetic piston allows contactless end-position sensing.

BENEFITS

- **Through piston rod** for a two-sided force pick-off and even force in both directions.
- **Magnetic piston** for contactless position sensing via cylinder switch type D or C.
- **Anodised aluminium head and foot** with a stainless steel 1.4301 tube and 1.4305 piston rod.
- **Operating pressure up to 10 bar** across -20 °C to +80 °C.
- **G 1/8" port** to the ISO 6432 pattern, compatible with standard mountings.

TECHNICAL DATA

Design	round cylinder to ISO 6432, double-acting
Bore	25 mm
Stroke	500 mm
Version	through piston rod, 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 1/2

Head and foot	anodised aluminium
Cylinder tube	stainless steel 1.4301
Piston rod	1.4305
Seals	NBR / PUR
Temperature range	-20 °C to +80 °C
Operating pressure	max. 10 bar
Cylinder switch type	D with mounting D1, C with mounting C1
A (piston rod thread)	M 10x1.25
B (mounting thread)	M 22x1.5
R (air port)	G 1/8"
A1	10 mm
C	30 mm
D	16 mm
E	8 mm
F	22 mm
G	104 mm
K	28 mm
L	22 mm
M	140 mm
N	12 mm
P	68 mm
CH	9 mm
Options	FKM seals (up to +150 °C, without magnetic piston, -V), ATEX approval Ex II 2GD c T5 T100° -20 °C ≤ Ta ≤ 80 °C (-X)
Weight	1 kg

APPLICATIONS

Used in jigs, handling and feeding systems and general machine building where a compact ISO 6432 cylinder with two-sided force pick-off and end-position sensing is required.

Size and port dimensions follow the ISO 6432 standard for pneumatic round cylinders.