

ISO 6432 Round Cylinder, double-acting, Ø 20 mm, stroke 320 mm - Airtec ZDPMK 20/320

Item no. FL-ZDPMK-20/320

Manufacturer Airtec

EAN 4050571815165

Double-acting ISO 6432 round cylinder with magnetic piston, 20 mm bore and 320 mm stroke. Stainless steel tube 1.4301, piston rod 1.4305, adjustable end-position cushioning and operation up to 10 bar. Through rod for force pick-off on both sides.

TECHNICAL DATA

Certification	ATEX
Norm	ISO 6432
Weight	1 kg
Zolltarifnummer	84123100



STANDARDS & COMPLIANCE

ISO 6432

DESCRIPTION

The Airtec ZDPMK 20/320 is a double-acting ISO 6432 round cylinder with magnetic piston, 20 mm bore and 320 mm stroke. A stainless steel tube 1.4301 and piston rod 1.4305 withstand continuous duty up to 10 bar and resist corrosion.

BENEFITS

- Magnetic piston enables contactless end-position sensing with switch type D or C
- Stainless steel tube 1.4301 and rod 1.4305 with anodised aluminium end caps for high corrosion resistance
- Adjustable end-position cushioning protects the mechanism at the 320 mm stroke end
- Through rod delivers force on both sides
- Operating temperature -20 °C to +80 °C, optional FKM seals up to +150 °C
- Optional ATEX version Ex II 2GD c T5 for hazardous areas

TECHNICAL DATA

Standard	ISO 6432
Function	double-acting
Version	with 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	aluminium, anodised
Cylinder tube	stainless steel 1.4301
Piston rod	stainless steel 1.4305
Seals	NBR / PUR
Temperature range	-20 °C to +80 °C
Operating pressure	max. 10 bar
Cushioning	adjustable end-position cushioning
Piston rod (design)	through rod
Cylinder switch type	D with mounting D1, C with mounting C1
Piston diameter	20 mm
Stroke	320 mm
A (piston rod thread)	M 8
B (mounting thread)	M 22x1,5
R (air connection)	G 1/8"
A1	8 mm
C	27 mm
D	16 mm
E	8 mm
F	20 mm
G	95 mm
K	24 mm
L	20 mm
M	131 mm
N	12 mm
P	67 mm
CH	7 mm
Optional seal	FKM (-20 °C to +150 °C, without magnetic piston), code -V
ATEX version	Ex II 2GD c T5 T100°C, ambient -20 °C to +80 °C, code -X
Weight	1 kg

APPLICATIONS

The cylinder handles feed, clamping and positioning tasks in machine and fixture building. The magnetic piston simplifies end-position monitoring in automated sequences.

OPTIONS AND CONFORMITY

Design to ISO 6432. Code -V supplies FKM seals rated to +150 °C, then without magnetic piston. Code -X marks the ATEX version Ex II 2GD c T5 T100°C for use in zone 1 and 21.

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