

ISO 15552 Stainless Steel Cylinder Ø 125 mm, Stroke 50 mm - Airtec TM 125/50 ES

Item no. FL-TM-125/50-ES

Manufacturer Airtec

EAN 4050571698485

Double-acting stainless steel cylinder to ISO 15552 with 125 mm piston diameter and 50 mm stroke. Housing in 1.4301 and rod in 1.4401 resist corrosion in wet and hygienic areas. Magnetic piston and adjustable end-position cushioning as standard.

TECHNICAL DATA

Color	Edelstahl
Weight	1 kg
Zolltarifnummer	84123100



STANDARDS & COMPLIANCE

ISO 15552

DESCRIPTION

The Airtec TM 125/50 ES is a double-acting pneumatic cylinder to ISO 15552 in a stainless steel design with 125 mm piston diameter and 50 mm stroke. End caps, foot and cylinder tube are made of stainless steel 1.4301 and the piston rod of 1.4401, so the cylinder can be used in corrosive environments and wet areas.

BENEFITS

- Housing in stainless steel 1.4301 and piston rod in 1.4401, corrosion-resistant for food, chemical and washdown environments.
- Integrated magnetic piston for contactless position sensing with type E cylinder switches on mounting E1.
- Adjustable end-position cushioning lowers impact forces and running noise at stroke end.
- Operating pressure up to 10 bar and a temperature range from -20 to +80 °C cover a wide field of use.
- Port G 1/2" and piston rod thread M 27x2 to ISO 15552 allow interchange across manufacturers and standard accessories.

TECHNICAL DATA

Piston diameter [mm]	125
Stroke [mm]	50
A (piston rod thread)	M 27x2
R (air connection)	G 1/2"
B [mm]	32
C [mm]	60
D [mm]	46.0
F [mm]	54
G [mm]	65
H [mm]	225
K [mm]	6
M [mm]	140
N [mm]	110.0
CH [mm]	27
RT	M 12
Temperature range	-20 to +80 °C
Operating pressure	max. 10 bar
Housing material	stainless steel 1.4301
Piston rod material	stainless steel 1.4401
Seal material	NBR
Design	double-acting, with magnetic piston and adjustable end-position cushioning
Cylinder switch type	E with mounting E1
Weight [kg]	1.0

APPLICATIONS

Suitable for handling, clamping and feed tasks in the food and beverage industry, in cleaning and filling lines as well as in chemical and packaging technology where washable, corrosion-resistant components are required.

Port and mounting dimensions comply with the ISO 15552 standard.

A1-ESD equipment

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Page 2/2