

**Pneumatic cylinders
ISO 15552
Non-magnetic and magnetic piston
Double acting
Ø 32 to 320 mm**

Comprehensive range for the utmost versatility

**Conforms to ISO 15552
(ISO 6431, VDMA 24562 and NFE 49-003-1)**

**High performance, stability and reliability
ideal for the demands of today**

Supplied complete with piston rod locknut

Comprehensive range of standard mountings



Technical data

Medium:

Compressed air, filtered, lubricated or non-lubricated

Standard:

ISO 15552

Operation:

Double acting

8000: adjustable cushioning

8000/M: magnetic piston, adjustable cushioning

Operating pressure:

1 to 16 bar (1 to 10 bar for Ø 250 and 320 mm)

Operating temperature:

-20 to +80°C max. (Ø 32 to 125 mm)

-10 to +80°C max. (Ø 160 to 320 mm)

(consult our Technical Service for use below +2°C)

Cylinder diameters:

32, 40, 50, 63, 80, 100, 125, 160, 200, 250, 320 mm

Strokes:

Standard: see page 3

Non-standard strokes (10 to 3000 mm) available

Materials:

Barrel: Anodised aluminium

End covers: Pressure diecast aluminium
(Ø 200 to 320 mm gravity cast aluminium)

Piston rod: Stainless steel (Martensitic)

Piston rod seals: Polyurethane
(Ø 125 to 320 mm nitrile rubber)

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'O'-rings: Nitrile rubber

Ordering information

See page 5

Mountings and Switches

See page 4 and 5

Alternative variants

Single acting cylinder see page N/en 1.4.101

Guide units

See page N/en 1.10.021



Non-magnetic piston



Magnetic piston

