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

'O'-rings: Nitrile rubber

Ordering information See page 5

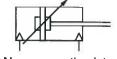
Mountings and Switches See page 4 and 5

Alternative variants

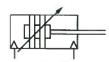
Single acting cylinder see page N/en 1.4.101

Guide units

See page N/en 1.10.021



Non-magnetic piston



Magnetic piston

