

GENERAL

Detection
Fluid
Operating pressure
Ambient temperature

Equipped for magnetic position detectors

Air or neutral gas, filtered, lubricated or not
10 bar max.

-25°C to +80°C (without position detectors)

(for higher temperatures, consult us)

-20°C to +70°C (with position detectors)

≤ 1 m/s (for optimal service life)

Optimal max. speed

Max. speed rate

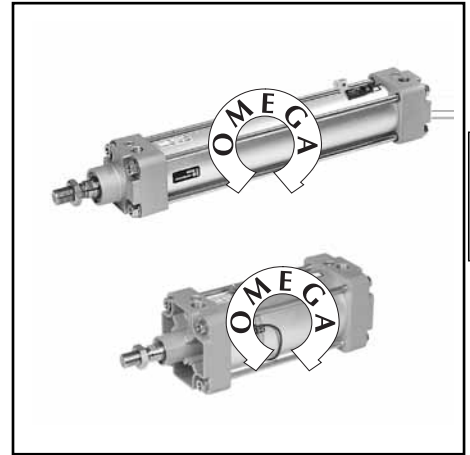
Standards

3 m/s (at 20°C)
ISO 15552-AFNOR NF ISO 15552-DIN ISO 15552
(replace ISO 6431-AFNOR NFE 49003-VDMA 24562)

CONSTRUCTION

Cylindrical barrel
Tie rods
Rod
Piston
Piston seals
Cushioning seals
Front and rear ends
Bearing
Rod nut
Cushioning

Hard anodized aluminium alloy (non magnetic)
Stainless steel
Hard chrome plated steel
Light alloy fitted with a permanent magnet
PUR (polyurethane)
PUR (polyurethane)
Aluminium alloy
Metal self lubricating
Galvanized steel
Pneumatic, adjustable from both sides with captive screws



B

SPECIFICATIONS

Ø (mm)	catalogue number (1)	reference (1)(2)	connection Ø	cushioning length (mm)
32	450 50 975 ---- (1)	PES 32 Ω A ---- (1) R-DM	G 1/8	18
40	450 50 976 ---- (1)	PES 40 Ω A ---- (1) R-DM	G 1/4	20
50	450 50 977 ---- (1)	PES 50 Ω A ---- (1) R-DM	G 1/4	26
63	450 50 978 ---- (1)	PES 63 Ω A ---- (1) R-DM	G 3/8	26
80	450 50 979 ---- (1)	PES 80 Ω A ---- (1) R-DM	G 3/8	27

(1) Indicate stroke (in mm) preferably selecting one of this standard strokes below. Do not exceed maximum possible stroke.

(2) **The magnetic position detectors are ordered separately:**

- "T" model (see page P291), "COMPACT" model (see page P293), reed switch or magneto-resistive type
- "BIM" model, magneto-inductive (see page P297)

STANDARD STROKES (●: rapidly available) - MAX. STROKES

Ø (mm)	standard stroke (mm)												max. stroke capability (mm)	
	25	50	80	100	125	160	200	250	320	400	500	630		
32	●	●	●	●	●	●	●	●	●	●	●	●	●	1000
40	●	●	●	●	●	●	●	●	●	●	●	●	●	1500
50	●	●	●	●	●	●	●	●	●	●	●	●	●	1800
63	●	●	●	●	●	●	●	●	●	●	●	●	●	1800
80	●	●	●	●	●	●	●	●	●	●	●	●	●	2000

OPTIONS

- Other strokes on request
- Piston rod in 316L stainless steel, catalogue number: **995002** - in 303 stainless steel, catalogue number: **995202**
- Overlength piston rod in hard chrome steel, cat. n°: **995003** - in 316L stainless steel, cat. n°: **995004** - in 303 stainless steel, cat. n°: **995204**

MOUNTINGS: see page P242

DIMENSIONS: see page P232-3