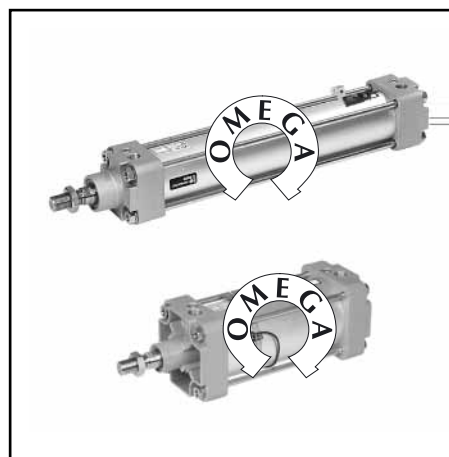


GENERAL

Detection Equipped for magnetic position detectors
Fluid Air or neutral gas, filtered, lubricated or not
Operating pressure 10 bar max.
Ambient temperature -25°C to +80°C (without position detectors)
 (for higher temperatures, consult us)
 -20°C to +70°C (with position detectors)
Optimal max. speed ≤ 1 m/s (for optimal service life)
Max. speed rate 3 m/s (at 20°C)
Standards ISO 15552-AFNOR NF ISO 15552-DIN ISO 15552
 (replace ISO 6431-AFNOR NFE 49003-VDMA 24562)



CONSTRUCTION

Cylindrical barrel Hard anodized aluminium alloy (non magnetic)
Tie rods Stainless steel
Rod Hard chrome plated steel
Piston Light alloy fitted with a permanent magnet
Piston seals PUR (polyurethane)
Cushioning seals PUR (polyurethane)
Front and rear ends Aluminium alloy
Bearing Metal self lubricating
Rod nut Galvanized steel
Cushioning Pneumatic, adjustable from both sides with captive screws

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), 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 P229-18

DIMENSIONS: see page P229-6