

Characteristics

Barrel	Anodised aluminium
End plate	Anodised aluminium
Rod	Magnetic Piston: From Ø20 to Ø25 AISI 303, From Ø32 to Ø100 AISI 420 Non-Magnetic Piston: From Ø20 to Ø100 AISI 420 (on request AISI 303)
Seals	Standard: NBR Oil resistant rubber, PUR Piston rod seals
Max. working pressure	10 bar
Tandem, Multiposition & Non-rotating versions are available.	
It is interesting to note that these cylinders (from Ø 32 to Ø 100) have anchoring holes with the same lead and thread as those of series 1390 ISO 6431, they accept all mountings except for the intermediate trunnion.	

Basic and Push / Pull Version



15 .Ø.stroke.

- = Standard seals with female thread on piston rod
- M = Standard seals with male thread on piston rod
- T = HNBR seals version (-5°C + 120°C) with female thread on piston rod for non magnetic piston
- M.T = HNBR seals version (-5°C + 120°C) with male thread on piston rod for non magnetic piston

- 01 = Double acting version
- 11 = Double acting version with magnetic piston
- 02 = Single acting version front spring
- 12 = Single acting version front spring with magnetic piston
- 03 = Single acting version rear spring
- 13 = Single acting version rear spring with magnetic piston
- 04 = Double acting push pull version
- 14 = Double acting push pull version with magnetic piston

Bore	Ø20	Ø25	Ø32	Ø40	Ø50	Ø63	Ø80	Ø100
Port	G-1/8"	G-1/8"	G-1/8"	G-1/8"	G-1/8"	G-1/8"	G-3/8"	G3/8"

Standard strokes:

Type 1501, 1504, 1511, 1514:
for all bores from 5 to 50 mm every 5 mm.

Type 1502, 1503, 1512 and 1513:
for all bores from 5 to 10 mm.

Non-Std. strokes available on request

Rear female clevis	Rear male clevis	Sensor	Sensor bracket
1500.Ø.09F from Ø 20 to Ø 100	1500.Ø.09/1F from Ø 20 to Ø 100	1580.U (2wire) / 1580.UAP (3wire)	1380.01F

Other Options	Non-Rotating Cylinder	Tandem push with independent rods	Tandem push with common rods	Opposed tandem with common rods

Characteristics

Conforms to ISO 21287 Standards

Barrel	Anodised aluminium
End covers	Aluminium alloy casting painted
Piston rod	Magnetic Piston: From Ø20 to Ø25 AISI 303, From Ø32 to Ø100 AISI 420 (on request AISI 303) Non-Magnetic Piston: From Ø20 to Ø100 AISI 420 (on request AISI 303)
Seals	Standard: NBR Oil resistant rubber, PUR Piston rod seals
Max. working pressure	10 bar
Cushioning	Elastomer cushion pad standard, adjustable cushions from dia 25 onwards optional Tandem, Multiposition & Non-rotating versions are available.

Basic and Push/Pull Version



15 .Ø.stroke.

- 1 = magnetic piston, Double acting
- 2 = magnetic piston, Single acting with front spring
- 3 = magnetic piston, Single acting with rear spring
- 4 = non magnetic piston, Double acting
- 5 = non magnetic piston, Single acting with front spring
- 6 = non magnetic piston, Single acting with rear spring
- 01 = Basic, female threaded rod
- 02 = Basic, male threaded rod
- 03 = through rod, female threaded rod
- 04 = through rod, male threaded rod
- 05 = through rod, bored female threaded rod
- 06 = through rod, bored male threaded rod
- 07 = With non-rotating device
- 0 = NBR seals and AISI 420 rod (Ø20 & Ø25 AISI 303 rod)
- 1 = NBR seals and AISI 303 rod (starting from bore Ø32)
- 6 = FPM seals and AISI 420 rod (Ø20 & Ø25 AISI 303 rod)
- 7 = FPM seals and AISI 303 rod (starting from bore Ø32)
- 4 = Non-cushioned version (mechanical cushioning only)
- 5 = Versions with adjustable end of stroke cushioning system (from Ø25)

Bore	Ø20	Ø25	Ø32	Ø40	Ø50	Ø63	Ø80	Ø100
Port	M5	M5	G-1/8"	G-1/8"	G-1/8"	G-1/8"	G-1/8"	G-1/8"

Flange	Foot	Rear female clevis	Rear male clevis
Ø20 - Ø25: 1540.Ø.03F Ø32 - Ø100: 1380.Ø.03F	1540.Ø.05/1F (1 piece)	1380.Ø.09F (Ø32-Ø100)	Ø20-Ø25:1580.Ø.09/1F Ø32-Ø100:1380.Ø.09/1F
Rear male clevis (with jointed head)	Ball joint	Fork with clips	Sensor
1380.Ø.15F (Ø32-Ø100)	Ø20 - Ø25: 1200.20.32F Ø32 - Ø40: 1320.32.32F Ø50 - Ø63: 1320.40.32F Ø80 - Ø100: 1320.50.32F	Ø20 - Ø25: 1200.20.04/1 Ø32 - Ø40: 1320.32.13/1F Ø50 - Ø63: 1320.40.13/1F Ø80 - Ø100: 1320.50.13/1F	1580.U (2wire) / 1580.UAP (3wire)

Other Options	Tandem push with independent rod	Tandem with opposed rods	Tandem push with common rod	Opposed tandem with common rods