

### Characteristics

#### Conforms to ISO 15552 Standards

Barrel	Aluminium alloy anodised
End covers	Die-Casting aluminium
Piston rod	AISI 420 (on request AISI 303)
Seals	Standard: NBR Oil resistant rubber, PUR Piston rod seals
Max. pressure	10 bar
Cushioning	Adjustable cushioning standard at both ends

Tandem & Multi-position versions are available.  
Accessory available for Eco-Light profile cylinders to mount valve directly on to the cylinders

#### Basic and Pull/Push Version Profile Cylinders



13 . Ø . STROKE.

- 01 = Basic version
- 02 = Push/Pull version

- 90 = Magnetic AISI 420 rod
- 91 = Magnetic AISI 303 rod
- 92 = Non magnetic AISI 420 rod

Bore	Ø32	Ø40	Ø50	Ø63	Ø80
Port	G-1/8"	G-1/4"	G-1/4"	G-3/8"	G-3/8"

Bore	Ø100	Ø125	Ø160	Ø200	
Port	G-1/2"	G-1/2"	G-3/4"	G-3/4"	

Standard strokes  
from 0 to 150 every 25 mm;  
from 150 to 500 every 50 mm;  
from 500 to 1000 every 100 mm  
Non-Std. strokes available on request

#### Basic and Pull/Push Version Tie Rod Cylinders



13 . Ø . STROKE. .TR

- 01 = Basic version
- 02 = Push/Pull version

- 90 = Magnetic AISI 420 rod
- 91 = Magnetic AISI 303 rod
- 92 = Non magnetic AISI 420 rod

Bore	Ø32	Ø40	Ø50	Ø63
Port	G-1/8"	G-1/4"	G-1/4"	G-3/8"

Bore	Ø80	Ø100
Port	G-3/8"	G-1/2"

Standard strokes  
from 0 to 150 every 25 mm;  
from 150 to 500 every 50 mm;  
from 500 to 1000 every 100 mm  
Non-Std. strokes available on request

Flange	Short feet	Front clevis	Rear Female clevis	
1380.Ø.03F	1320.Ø.05/1F (1 piece)	1380.Ø.08F	1380.Ø.09F	
Rear male clevis	Square angle trunnion	Rear male clevis (with jointed head)	Support for intermediate trunnion	
1380.Ø.09/1F	1380.Ø.35F	1380.Ø.15F	1320.Ø.12/1F (1 piece)	
Intermediate trunnion-profile	Intermediate trunnion-tie rod	Ball joint	Fork	
1390.Ø.12F	1300.Ø.12F/PNXS	1320.Ø.32F	1320.Ø.13/1F 1320.Ø.13F (With clips-Ø32 - Ø100) (W/o clips-Ø125-Ø160)	
Self-aligning joint (Ø32 to Ø100)	Sensor	Sensor-profile	Sensor bracket (Tie Rod)	
1320.Ø.33F	1580.U(2wire) / 1580.UAP(3wire)	1590.U(2wire) / 1590.HAP(3wire)	DT - 1(Ø 32-63)/DT - 2(Ø 80-100)	
Other Options	Tandem push with independent rods "F"	Tandem push with common rod "G"	Opposed tandem with common rod "D"	Tandem with opposed rods "E"

Specifications may be subject to change without prior notice