

# Series 1315, Round tube with tie rod cylinders - Ø250 / Ø320

### General

Tie rod cylinders, according to standard ISO15552.

#### **Construction characteristics**

End caps	aluminium alloy casting	
Rod	C43 chromed steel	
Barrel	oxidised aluminium	
Tie rod	steel with rolled threads	
Cushion bushings	aluminium	
Rod-guide bushing	sintered bronze	
Piston	aluminium	
Seals	Standard: NBR oil resistant rubber, PUR piston rod seals	

# **Operational characteristics**

Fluid	filtered and lubricated air - hydraulic oil (with special bushing)		
Pressur <mark>e</mark>	max. 12 bar		
Operating temperature	-5 °C - +70 °C		
Cushioning length	50 mm		

Please follow the suggestions below to ensure a long life for these cylinders:

use clean and lubricated air

• correct alignment during assembly with regard to the applied load so as to avoid radial components or bending the rod.

• avoid high speeds together with long strokes and heavy loads: this would produce kinetic energy which the cylinder cannot absorb, especially if used as a limit stop (in this case use mechanical stop device);

• evaluate the environmental characteristics of cylinder used (high temperature, hard atmosphere, dust, humidity etc.)

## Please note: air must be dried for applications with lower temperature.

Use hydraulic oils H class (ISO VG32) for correct continued lubrication. Our Technical Department will be glad to help.



บริษัท ฟลูเทค จำกัด FLU-TECH CO.,LTD

บริษัท ฟลูเทค จำกัด 845/3-4 หมู่ 3 ถ.เทพารักษ์ ต.เทพารักษ์ อ.เมือง จ.สมุทรปราการ 10270





PNEUMATIC ACTUATION

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For technical characteristics and Sensors ordering code see "Magnetic sensors" section

Ordering code

1306.D (Ø250)

1306.E (Ø320)



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BORE	А
250	250
320	365