

ISO 15552 CYLINDER Ø 160-200 LOW-FRICTION



Typically used in pneumatic lifters, this cylinder is characterised by a number of special machining, the use of fewer gaskets and a special grease, all with the aim of mitigating friction and avoiding the stick-slip effect.

Indeed, you can choose either the version operating with piston rod extension or piston rod retraction, which means that only the pressure chamber gaskets are fitted, except for the piston rod gasket, which is always present for the purpose of scraping the piston rod.

In fact, it is a single-acting cylinder without a return spring, where the piston rod is repositioned by forces external to the cylinder.

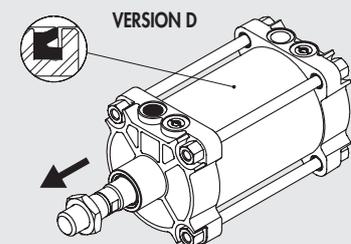
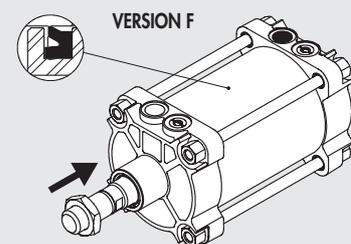
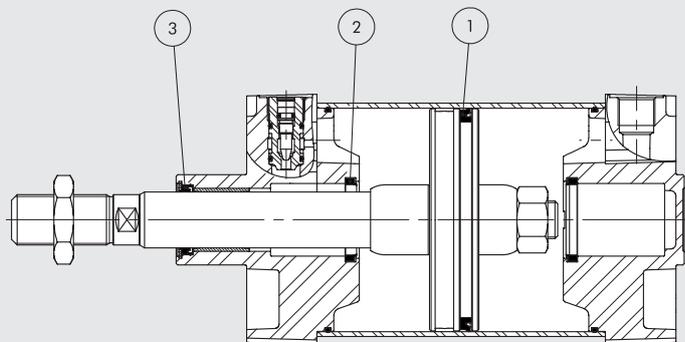
The grease grade chosen has characteristics that remain constant over time, even in the event of accidental contact with water. It is thus recommended not to use lubricated air as oil could remove the grease and reduce cylinder performance.



TECHNICAL DATA		
Max operating pressure	bar	10
	MPa	1
	psi	145
Temperature range	°C	-20 to +80
		Unlubricated air
Fluid		Unlubricated air
Bore	mm	160, 200
Design		Round barrel with tie rods
Strokes	mm	from 25 to 1200
Versions		Single-acting when the piston rod extends or retracts, without a return spring; magnetic or non-magnetic; cushioned
Inrush pressure	bar	0.05
Forces generated		See cylinder "General technical data" at the beginning of the chapter A1
Weight		See cylinder "General technical data" at the beginning of the chapter A1

COMPONENTS

- ① Piston gasket, NBR
- ② Cushioning gasket, polyurethane
- ③ Piston rod gasket, NBR



KEY TO CODES

CYL	W 1 2 1 TYPE	D LOW-FRICTION, VERSION	A 3 BORES	0 0 5 0 STROKE
	W120 Non magnetic	D Rear chamber pressure, cushioning and piston rod gaskets	A3 160	0025 to 1200 mm
	W121 Magnetic	F Front chamber pressure and cushioning	A4 200	

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