AVENTICS PRA SERIES PROFILE CYLINDER

PRA-0822120001
PRA Cylinder, 32mm, M10x1.25, G1/8", Stroke 25

- Ø32 – 125mm
- Connection: G1/8", G1/4", G3/8" or G1/2"
- Double acting with magnetic piston
- ISO 15552

Product description

Double-acting cylinder that complies with ISO standard 15552.
This replaces previous ISO and VDMA standards and determines the installation dimensions.
This means that all makes of these cylinders are completely interchangeable, if they have the same piston diameter and stroke.
The cylinders have magnetic pistons and adjustable end position damping as standard.
The unmistakable adjusting screws for the damping are fine-threaded for precise adjustment.
There are T-slots for cylinder sensors on the sides of the cylinder tube for maximum flexibility in placement.
As an option, the PRA series is available with a "forest nose", which is a detachable piston rod seal at the front end.
Aventics Double Acting Cushioned Profile Cylinder with Magnetic Piston. PRA Seies. 32mm - 125mm Bore available with 25 Stroke to 500 Stroke.
The PRA series, with a weight-optimised profile tube, represent a consistent further development of Aventics' proven ISO cylinders with tie rods. Due to their 6 mm T-grooves and 4 mm C-grooves, a large number of sensors can be mounted easily, quickly and compactly.

Specifications

Cushioning energy	4.8
Cushioning length	16.5
Extracting piston force	505
Oil content max	5
Particle size max	50
Piston Diameter	32
Retracting piston force	435
Standards	ISO 15552
Stroke	25
Temperature range from	-20

Temperature range to	80
Weight	0.5
Working Pressure Max	10
Working Pressure Min	1.5