AVENTICS PRA SERIES PROFILE CYLINDER

PRA-0822123009
PRA Cylinder, 63mm, M16x1.5, G3/8", Stroke 320

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

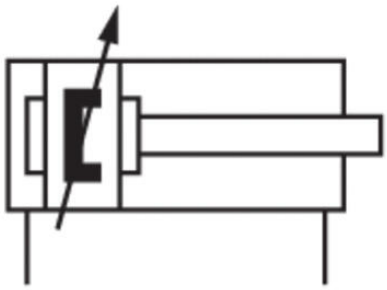
Product description

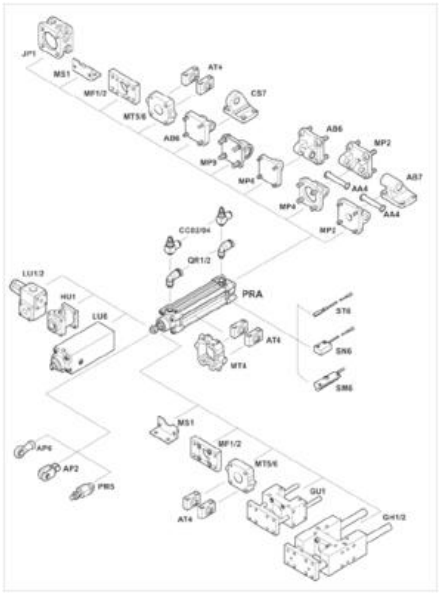
Double-acting cylinder that complies with ISO standard 15552.
This replaces previous ISO and VDMA standards and determines the installation dimensions.
This means that all makes of these cylinders are completely interchangeable, if they have the same piston diameter and stroke.
The cylinders have magnetic 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.

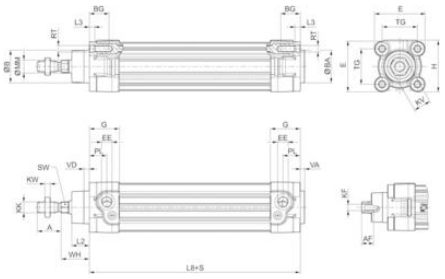
Specifications

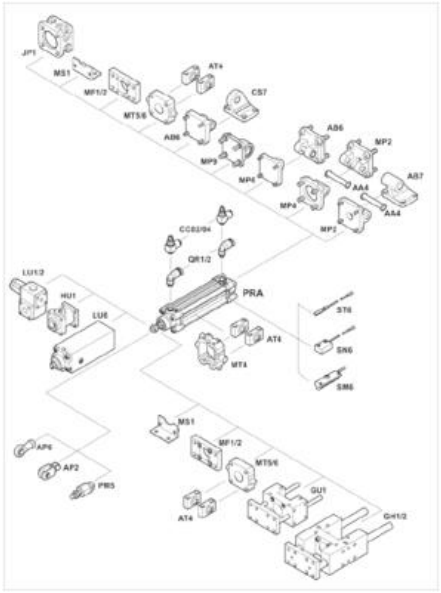
Connection Air	G3/8
Cushioning energy	27
Cushioning length	16.5
Extracting piston force	1960
Function	double acting, Magnetic piston
Material Bolt	Stainless steel
Material Cylinder	Anodised aluminum
Material of seals	Polyurethane-based
Material Rod	Stainless steel
Material Rod Nut	Galvanized steel

Materials Headboards	Die cast aluminium
Materials Piston Rod Seal	Polyurethane-based
Materials Piston Seal	Polyurethane-based
Media	Air pressure
Mounting	None
Oil content max	5
Particle size max	50
Piston Diameter	63
Piston rod thread	M16x1.5
Retracting piston force	1765
Standards	ISO 15552
Stroke	320
Temperature range from	-20
Temperature range to	80
Weight	1.42
Working Pressure Max	10
Working Pressure Min	1.5








JP1
MS1
MF1/2
AT4
MT5/6
CS7
AB6
MP3
MP4
AB6
MP2
AB7
AA4
MP6
MP5
AA4
CC03/04
QR1/2
LU1/2
HU1
LU6
PRA
ST6
AT4
MT4
SN6
SM6
MS1
MF1/2
AP6
AF2
PR5
MT5/6
AT4
GU1
G-H1/2