

FEATURES

- PES cylinder equipped with protective boot of NBR (nitrile)

GENERAL

Detection
Fluid
Operating pressure
Ambient temperature
Cushioning
Standards
Maximum stroke

Equipped for magnetic position detectors
Air or neutral gas, filtered, lubricated or not
10 bar max.
-20°C to +70°C
Pneumatic, adjustable from both sides with captive screws
ISO 15552-AFNOR NF ISO 15552-DIN ISO 15552

Ø (mm)	max. stroke (mm)	
	profiled barrel	tie rods
32	250	250
40	500	500
50	750	750
63-100	1000	1000
125-200	-	1000



CONSTRUCTION

Boot NBR (nitrile)
Retaining ring Light alloy and POM (polyacetal)
Other parts Same as standard PES cylinders

The following versions and mountings do not fit and cannot be adapted for this specialized cylinder:

- Hinge
- High temperature version
- Oversize rod
- Anti-rotation piston rod
- Rod lock

SPECIFICATIONS

To order, please specify:

- Catalogue number or part number of standard PES cylinder
- Rod boot option catalogue number:

	Ø (mm)	32 (1)	40	50	63	80	100	125	160	200
catalogue number	single rod	911503	911504	911505	911506	911507	911508	911509	911510	911511
	through rod	911512	911513	911514	911515	911516	911517	911518	911519	911520

(1) In the case of use of a BIM magnetic detector on PES series 450 Ø 32, it is necessary to add the option code = 995125

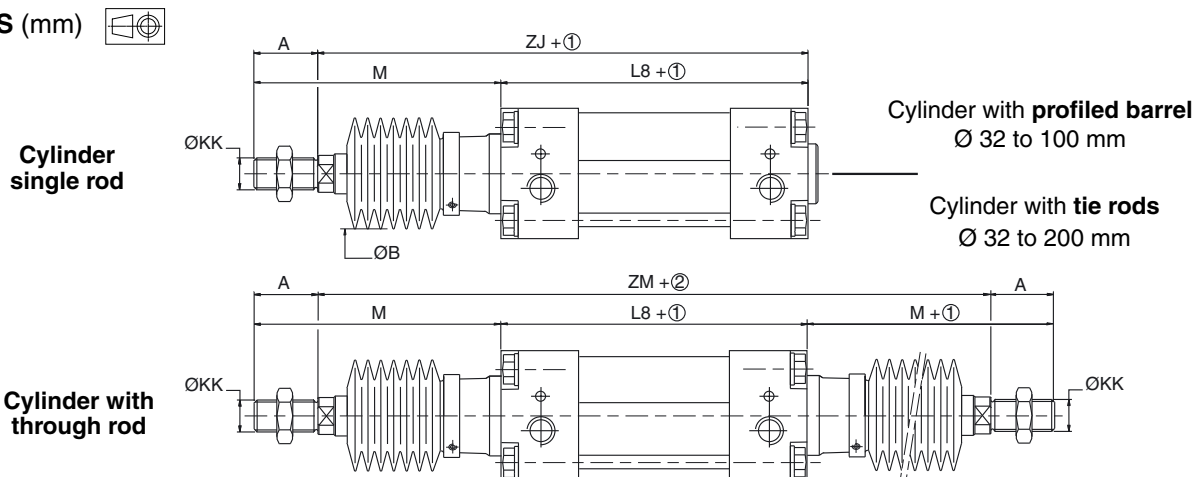
The magnetic position detectors are ordered separately:

- "T" model (see page P291), reed switch or magneto-resistive type)

MOUNTINGS: Fastener codes and quantities (see page P229-18 and remarks below)

The front flange or top brackets are supplied installed on the cylinder

DIMENSIONS (mm)



- ① Stroke
- ② 2 x stroke

Ø (mm)	A	ØB	ØKK	L8	M as a function of stroke: (mm)						ZJ as a function of stroke: (mm)					ZM as a function of stroke: (mm)						
					0-75	76-150	151-250	251-500	501-750	751-1000	0-75	76-150	151-250	251-500	501-750	751-1000	0-75	76-150	151-250	251-500	501-750	751-1000
					32	22	41	M10x1,25	94	81	107	127	-	-	-	153	179	199	-	-	-	212
40	24	41	M12x1,25	105	138	138	138	218	-	-	219	219	219	299	-	-	333	333	333	493	-	-
50	32	60	M16x1,5	106	153	153	153	233	313	-	227	227	227	307	387	-	348	348	348	508	668	-
63	32	60	M16x1,5	121	153	153	153	233	313	394	242	242	242	322	402	483	363	363	363	523	683	845
80	40	60	M20x1,5	128	170	170	170	250	330	411	258	258	258	338	418	499	388	388	388	548	708	870
100	40	60	M20x1,5	138	160	160	160	220	280	340	258	258	258	318	378	438	378	378	378	498	618	738
125	54	88	M27x2	160	188	188	188	248	308	368	294	294	294	354	414	474	428	428	428	548	668	788
160	72	88	M36x2	180	222	222	222	266	311	386	330	330	330	374	419	494	480	480	480	568	658	808
200	72	88	M36x2	180	237	237	237	281	326	401	345	345	345	389	434	509	510	510	510	598	688	838