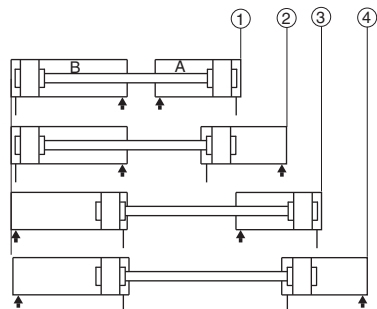


FEATURES

- Set of two cylinders connected by a common piston rod. As in the case of cylinders mounted back-to-back, this affords:
 - three positions if the two cylinders have the same stroke
 - four positions if the two cylinders have different strokes
- The choice between front-to-front and back-to-back mounting is made on the basis of the possibilities of installing and mounting the cylinders



GENERAL

Detection
Fluid
Operating pressure
Ambient temperature
Cushioning

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
1 metre
See above

Standards

Max stroke of the two cylinders
Control

SPECIFICATIONS

To order, please specify :

- System description
- Cylinders designated "A" and "B"

Set of two PES cylinders with tie rods or profiled barrels mounted **nose to nose**

PES ... (1) P A/NA ... (2) - DM (for profiled barrel version)

PES ... (1) T A ... (2) R - DM (for tie rods version)

(1) : bore Ø

(2) : stroke of cylinder (**max. total stroke of the two cylinders = 1 metre**)

A/NA : A = cushioned - NA = not cushioned

R : aluminium barrel

DM : cylinder equipped or non equipped for magnetic position detectors

The features A/NA, DM or not can be combined on both cylinder versions A and B.

- Nose to nose mounting option catalogue number :

	Ø (mm)	32 (3)	40	50	63	80	100	125	160	200
catalogue number	profiled barrel	560638	560639	560640	560641	560642	560643	※	-	-
	tie rods	560629	560630	560631	560632	560633	560634	560635	560636	560637

* Consult us

(3) 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), "COMPACT" model (see page P293), reed switch or magneto-resistive type

OPTIONS

- Other strokes on request
- Piston rod in 316L stainless steel, catalogue number: **995002** - in 303 stainless steel, catalogue number: **995202**
- Overlength piston rod in hard chrome steel, cat. n°: **995003** - in 316L stainless steel, cat. n°: **995004** - in 303 stainless steel, cat. n°: **995204**

MOUNTINGS: Fastener codes and quantities (see page P242 and remarks below)

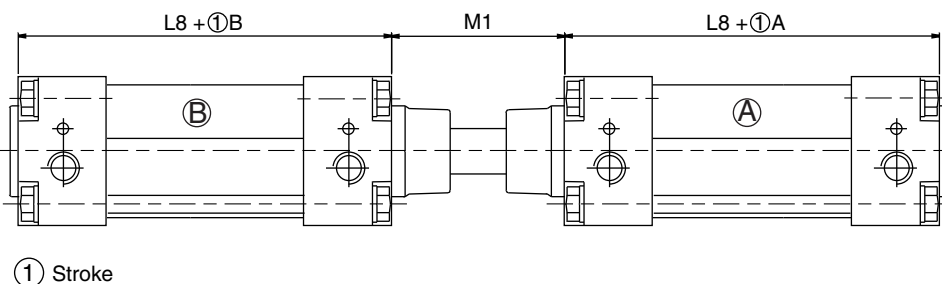
DIMENSIONS (mm)

Ø (mm)	L8	M1* min.
32	94	42
40	105	46
50	106	60
63	121	62
80	128	76
100	138	81
125	160	95
160	180	131
200	180	131



Cylinder with
profiled barrel
32 to 125 mm
bore

Cylinder
with **tie rods**
32 to 200 mm
bore



* Larger sizes available on request



The following mountings do not fit front-to-front cylinders:

- Female rod clevis
- Spherical rod end
- Front flange

B