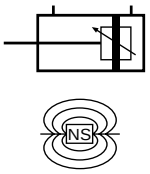
CYLINDERS WITH TIE RODS

Ø 32 to 80 mm - double acting

ISO 15552-AFNOR-DIN

with epoxy barrel designed for inductive detectors



Series **450**

Type PES

FEATURES

- *Being amagnetic, inductive solid state sensors can be used on special models (with steel ring + piston)*
- *Can be used with lubricated and unlubricated air*
- *Low weight*
- *On request, this type of cylinder can be equipped with piston rods, and threaded fasteners of stainless steel and corrosion-resistant ends.*

GENERAL

Detection	**Equipped for magnetic position detectors**
Fluid	Air or neutral gas, filtered, lubricated or not
Operating pressure	10 bar max.
Ambient temperature	-20°C to +60°C
Cushioning	Pneumatic, adjustable at both ends by means of captive screws
Standards	ISO 15552-AFNOR NF ISO 15552-DIN ISO 15552

Maximum stroke

Ø (mm)	**32**	**40**	**50**	**63**	**80**
Max. stroke (mm)	300	400	500	500	700
Maximum tie rod torque load (m.daN)	**0,15**	**0,30**	**0,40**	**0,50**	**0,80**

Recommendation: In view of the low heat dissipation coefficient of an epoxy barrel, this type of cylinder is not suitable for heavy duty cycles.

SPECIFICATIONS

To order, please specify :

• Cylinder description: tie rod PES epoxy barrel cylinder with cushioning, equipped for inductive detectors

• Cylinder catalogue number and stroke indication (in mm)

Ø (mm)	**epoxy barrel cylinder for inductive detector ❊**	
	catalogue number	**reference**
32	**45051034 ...** (1)	PES 32 A **...** (1) DI
40	**45051035 ...** (1)	PES 40 A **...** (1) DI
50	**45051036 ...** (1)	PES 50 A **...** (1) DI
63	**45051037 ...** (1)	PES 63 A **...** (1) DI
80	**45051038 ...** (1)	PES 80 A **...** (1) DI

(1) Indicate the stroke (in mm), preferably choosing standard values (see standard equipment page P232). Maximum stroke: see above

❊ These cylinders are designed to receive inductive sensors supplied by others.
Supports can be supplied for **square** detectors (consult us)

MOUNTINGS: same as those of standard cylinders (see page P242)

DIMENSIONS: same as those of standard cylinders (see page P232)