

PDE3570TCEN Pneumatic Cylinders ISO 15552

Order code

Order Instructions **P 1 F - S 0 3 2 M S - 0 1 6 0 - 0 0 0 0**

Profile/cylinder design	
S	Smooth
A¹⁾	ATEX smooth
K	Smooth with through rod
L²⁾⁴⁾	Smooth with dynamic rod lock
H²⁾⁴⁾	Smooth with static rod lock
T	Tie-Rods
N	Tie-Rods with through rod
P²⁾	Air reservoir

Cylinder bore size	
032	32 mm
040	40 mm
050	50 mm
063	63 mm
080	80 mm
100	100 mm
125	125 mm

Temperature range	
M¹⁾	Standard Temperature -20° to +80°C
F³⁾	High Temperature -10° to +150°C
L³⁾	Low Temperature -40°C to +80°C
Q⁴⁾	Metallic scraper -30°C to +80°C
V⁵⁾	FKM rod seal -10°C to +80°C
D⁵⁾	Polon rod seal -20°C to +80°C

Rod extension or trunnion mounting	
0000	without
P . . .	Piston rod extension in mm
G000	Trunnion mount +90° vs. air ports
7000	Trunnion mount +0° vs. air ports
H . . .	piston rod extension in mm with trunnion +90°
B . . .	piston rod extension in mm with trunnion +0°

Cylinder stroke	
....	Stroke length in mm

Piston style	
-	Standard with magnet
F	Standard w/o magnet
X	Aluminium with magnet
A	Aluminium w/o magnet

Air reservoir	
-	without piston

Piston Rod material male thread	
S¹⁾	Stainless steel
C	Chrome plated carbon steel
R*	Chrome plated stainless steel

Piston Rod material female thread	
E¹⁾	Stainless steel
F	Chrome plated carbon steel
G	Chrome plated stainless steel

Air reservoir	
A	without piston rod

¹⁾ ATEX version is specified for standard temperature range -20°C to +60°C
²⁾ in standard temperature range -20°C to +80°C
³⁾ High and low temp option only with aluminium piston
⁴⁾ Only in combination with chrome plated piston rod material
⁵⁾ With anodised end covers, high polymer piston rod bushing and stainless steel end covers screws and nut. Only for S and K cylinder design

Standard strokes for all P1F cylinders compliant to ISO 4393
 (with the exception of stroke 40 mm)
 Non standard strokes up to 2500 mm

Order code Cylinder bore ● = Standard stroke (mm) █ = Non standard stroke to special order
 (mm) 0025 0040 0050 0080 0100 0125 0160 0200 0250 0320 0400 0500 0600 0700 0800 2500



P1F-S032MS -
 P1F-S040MS -
 P1F-S050MS -
 P1F-S063MS -
 P1F-S080MS -
 P1F-S100MS -
 P1F-S125MS -

