

**PDE3570TCEN**  
**Pneumatic Cylinders ISO 15552**

**Order code**

<b>Order Instructions</b>	<b>P</b>	<b>1</b>	<b>F</b>	<b>-</b>	<b>S</b>	<b>0</b>	<b>3</b>	<b>2</b>	<b>M</b>	<b>S</b>	<b>-</b>	<b>0</b>	<b>1</b>	<b>6</b>	<b>0</b>	<b>-</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
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Profile/cylinder design	
<b>S</b>	Smooth
<b>A<sup>1)</sup></b>	ATEX smooth
<b>K</b>	Smooth with through rod
<b>L<sup>2)4)</sup></b>	Smooth with dynamic rod lock
<b>H<sup>2)4)</sup></b>	Smooth with static rod lock
<b>T</b>	Tie-Rods
<b>N</b>	Tie-Rods with through rod
<b>P<sup>2)</sup></b>	Air reservoir

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

Temperature range	
<b>M<sup>1)</sup></b>	Standard Temperature -20° to +80°C
<b>F<sup>3)</sup></b>	High Temperature -10° to +150°C
<b>L<sup>3)</sup></b>	Low Temperature -40°C to +80°C
<b>Q<sup>4)</sup></b>	Metallic scraper -30°C to +80°C
<b>V<sup>5)</sup></b>	FKM rod seal -10°C to +80°C
<b>D<sup>5)</sup></b>	Polon rod seal -20°C to +80°C

Rod extension or trunnion mounting	
<b>0000</b>	without
<b>P . . .</b>	Piston rod extension in mm
<b>G000</b>	Trunnion mount +90° vs. air ports
<b>7000</b>	Trunnion mount +0° vs. air ports
<b>H . . .</b>	piston rod extension in mm with trunnion +90°
<b>8 . . .</b>	piston rod extension in mm with trunnion +0°

Cylinder stroke	
....	Stroke length in mm

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

Air reservoir	
<b>-</b>	witout piston

Piston Rod material male thread	
<b>S<sup>1)</sup></b>	Stainless steel
<b>C</b>	Chrome plated carbon steel
<b>R*</b>	Chrome plated stainless steel

Piston Rod material female thread	
<b>E<sup>1)</sup></b>	Stainless steel
<b>F</b>	Chrome plated carbon steel
<b>G</b>	Chrome plated stainless steel

Air reservoir	
<b>A</b>	without piston rod

<sup>1)</sup> ATEX version is specified for standard temperature range -20°C to +60°C  
<sup>2)</sup> in standard temperature range -20°C to +80°C  
<sup>3)</sup> High and low temp option only with aluminium piston  
<sup>4)</sup> Only in combination with chrome plated piston rod material  
<sup>5)</sup> 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



<b>P1F-S032MS -</b>	●	●	●	●	●	●	●	●	●	●	●	■	■	■	■	■	■	■	■	■	///	<b>-0000</b>
<b>P1F-S040MS -</b>	●	●	●	●	●	●	●	●	●	●	●	■	■	■	■	■	■	■	■	■	///	<b>-0000</b>
<b>P1F-S050MS -</b>	●	●	●	●	●	●	●	●	●	●	●	■	■	■	■	■	■	■	■	■	///	<b>-0000</b>
<b>P1F-S063MS -</b>	●	●	●	●	●	●	●	●	●	●	●	■	■	■	■	■	■	■	■	■	///	<b>-0000</b>
<b>P1F-S080MS -</b>	●	●	●	●	●	●	●	●	●	●	●	■	■	■	■	■	■	■	■	■	///	<b>-0000</b>
<b>P1F-S100MS -</b>	●	●	●	●	●	●	●	●	●	●	●	■	■	■	■	■	■	■	■	■	///	<b>-0000</b>
<b>P1F-S125MS -</b>	●	●	●	●	●	●	●	●	●	●	●	■	■	■	■	■	■	■	■	■	///	<b>-0000</b>