

Ordering Information

Ordering Information

P1F	-	S	032	M	C	-	0160	-	0000
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Series	
P1F	Global ISO

Profile/cylinder design	
S	Smooth
K	Smooth with through rod
L	Smooth with dynamic rod lock ^{1,3}
T	Tie-Rods
N	Tie-Rods with through rod
P	Air reservoir ¹

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

Cylinder stroke	
....	Stroke length in mm (max. 2000)

Piston style	
-	Standard with magnet ⁴
F	Standard w/o magnet
X	Aluminum with magnet
A	Aluminum w/o magnet

Piston rod material male thread	
C	Chrome plated carbon steel
R	Chrome plated stainless steel (17-4)

Piston rod material female thread	
F	Chrome plated carbon steel
G	Chrome plated stainless steel (17-4)

Air reservoir	
A	Without piston rod

Temperature range	
M	Polyurethane (PUR) -20°C to +80°C std temp
F	Fluoro elastomere (FKM) -10°C to +150°C high temp ²
L	Ultrathane polyurethane (TPU-PUR) -40°C to +80°C low temp ²
Q	(TPU-PUR) with metallic scraper -30°C to +80°C low temp ³

Rod extension or trunnion mounting	
0000	Without
P...	Piston rod extension in mm
6000	Trunnion mount +90° vs. air ports
7000	Trunnion mount +0° vs. air ports
H...	Piston rod extension in mm with trunnion +90°
8...	Piston rod extension in mm with trunnion +0°
3...	Special rod end

¹ In standard temperature range -20°C to +80°C
² High and low temp option only with aluminum piston
³ Only in combination with chrome or stainless steel plated piston rod material
⁴ For air reservoir

Standard strokes for all P1F cylinders compliant to ISO 4393

(with the exception of stroke 40 mm)
 Non standard strokes up to 2000 mm.

P1F Cylinders in Stock, Cushions and Magnetic Piston Included

Stroke (mm)	32 mm Bore	40 mm Bore	50 mm Bore	63 mm Bore	80 mm Bore
25	P1F-S032MC-0025-0000	P1F-S040MC-0025-0000	P1F-S050MC-0025-0000	P1F-S063MC-0025-0000	P1F-S080MC-0025-0000
40	P1F-S032MC-0040-0000	P1F-S040MC-0040-0000	P1F-S050MC-0040-0000	P1F-S063MC-0040-0000	P1F-S080MC-0040-0000
50	P1F-S032MC-0050-0000	P1F-S040MC-0050-0000	P1F-S050MC-0050-0000	P1F-S063MC-0050-0000	P1F-S080MC-0050-0000
80	P1F-S032MC-0080-0000	P1F-S040MC-0080-0000	P1F-S050MC-0080-0000	P1F-S063MC-0080-0000	P1F-S080MC-0080-0000
100	P1F-S032MC-0100-0000	P1F-S040MC-0100-0000	P1F-S050MC-0100-0000	P1F-S063MC-0100-0000	P1F-S080MC-0100-0000
125	P1F-S032MC-0125-0000	P1F-S040MC-0125-0000	P1F-S050MC-0125-0000	P1F-S063MC-0125-0000	P1F-S080MC-0125-0000
160	P1F-S032MC-0160-0000	P1F-S040MC-0160-0000	P1F-S050MC-0160-0000	P1F-S063MC-0160-0000	P1F-S080MC-0160-0000
200	P1F-S032MC-0200-0000	P1F-S040MC-0200-0000	P1F-S050MC-0200-0000	P1F-S063MC-0200-0000	P1F-S080MC-0200-0000
250	P1F-S032MC-0250-0000	P1F-S040MC-0250-0000	P1F-S050MC-0250-0000	P1F-S063MC-0250-0000	P1F-S080MC-0250-0000
320	P1F-S032MC-0320-0000	P1F-S040MC-0320-0000	P1F-S050MC-0320-0000	P1F-S063MC-0320-0000	P1F-S080MC-0320-0000
400	P1F-S032MC-0400-0000	P1F-S040MC-0400-0000	P1F-S050MC-0400-0000	P1F-S063MC-0400-0000	P1F-S080MC-0400-0000



For inventory, lead times, and kit lookup, visit www.pdnplu.com