

Pneumatic Cylinders



Double Action Pneumatic Profile Cylinders

The P1F, in bore sizes Ø32 to 125mm, is a smooth profile linear pneumatic cylinder conforming to the ISO 15552 standard. It utilises internal composite technology (piston) to save weight, while assuring the high performance and functionality expected of an ISO cylinder. With aluminium sandblasted front and rear end covers, multilayer PTFE-coated steel bearing with stainless steel piston rod, pneumatic cushioning and magnetic piston with polyurethane (PUR) seals as standard, this is our industrial profile ISO cylinder.

Challenges encountered within rigorous environments require leading engineered solutions and products. Meeting these exacting needs, the P1F provides the answer for high and low temperature applications. It is engineered to provide superior performance in harsh conditions, using proven class-leading seal technology for reliable operation, and long service life in temperatures down to -40°C and up to +150°C. With robust corrosion-resistant body and optional metal scraper, the P1F leads the way in today's changing climate.

Applications:

- Factory automation
- Machine tools
- Packaging machinery
- Vehicle assembly facilities
- Material handling
- Outdoor
- Transport



Working Temperature:
-40°C to +80°C



Maximum Working Pressure:
10 bar



- Hydraulics
- Hydraulic Quick Release Couplings
- Pneumatic Quick Release Couplings
- Air Prep, Media, Monitor & Test
- KELM™ Pneumatics
- Pneumatic & Vacuum Equipment
- Valves
- Ring Main Systems
- Adaptors & Fittings
- Stainless Steel
- Malleable Iron
- Hose, Tubing & Couplings
- Clamps & Clips
- Sprays & Adhesives
- Blow Guns, Vacuum & Nozzles
- Pressure Wash, Fuelling & Lubrication
- Air Tools & Compressor Equipment
- Tools, Hardware & PPE

Tech Sheet
68754

ISO 15552

	0678					
Air Prep, Media, Monitor & Test	P1F-S032MS-0050	32	50	1/8"	M10 x 1.25	109.15
	P1F-S032MS-0080	32	80	1/8"	M10 x 1.25	110.70
	P1F-S032MS-0100	32	100	1/8"	M10 x 1.25	111.80
KELM™ Pneumatics	P1F-S032MS-0125	32	125	1/8"	M10 x 1.25	113.05
	P1F-S032MS-0160	32	160	1/8"	M10 x 1.25	114.85
Pneumatic & Vacuum Equipment	P1F-S040MS-0050	40	50	1/4"	M12 x 1.25	123.45
	P1F-S040MS-0125	40	125	1/4"	M12 x 1.25	128.70
	P1F-S050MS-0080	50	80	1/4"	M16 x 1.5	144.80
	P1F-S050MS-0100	50	100	1/4"	M16 x 1.5	146.65
Valves	P1F-S063MS-0100	63	100	3/8"	M16 x 1.5	172.30
	P1F-S063MS-0200	63	200	3/8"	M16 x 1.5	182.75
Ring Main Systems	P1F-S063MS-0500	63	500	3/8"	M16 x 1.5	214.00
	P1F-S080MS-0100	80	100	3/8"	M20 x 1.5	213.30
	P1F-S080MS-0200	80	200	3/8"	M20 x 1.5	242.50
Adaptors & Fittings	P1F-S100MS-0025	100	25	1/2"	M20 x 1.5	270.55
	P1F-S100MS-0200	100	200	1/2"	M20 x 1.5	319.00
	P1F-S125MS-0250	125	250	1/2"	M27 x 2	498.80

For...



Parker LF 3000
Push-in Fittings



...see pages 1078-1085