



CORE PRODUCTS INDUSTRIAL RANGE

Motion Systems Group Europe

Revision April 2026



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WHAT PARKER CORE PRODUCTS ARE – AND HOW THEY DIFFER FROM THE TRADITIONAL PARKER RANGE

Parker is renowned for high-performance solutions designed for demanding applications. These products are the perfect choice when your customer's machine or plant requires top-tier performance.

Core Products are fit-for-purpose technologies for heavy and medium-duty applications, offering strong availability with competitive lead times and compelling value – while delivering the Parker quality customers expect.

- They are built with the same high-quality systems, engineering standards, and reliability expectations, which all Parker products are known for.
- However, they are engineered around the performance requirements of mainstream industrial and mobile machinery – not around extreme edge cases.
- Cost optimization is achieved through clever engineering, smart manufacturing and sourcing while keeping Parker quality standards.
- Importantly, Parker Core Products are planned and produced with volume in mind, which results in competitive lead times and higher plant flexibility to support various customers demand.

Finally, Core Products are backed by Parker's best-in-market distribution network, delivering local support and fast, reliable service where you need it.



If you have questions about the products contained in this brochure, or their applications, please contact:
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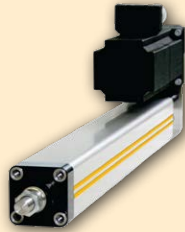
CORE PRODUCT RANGE

ACTUATORS AND CYLINDERS

Accumulators



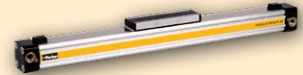
Linear Actuators and Cylinders



Electric



Hydraulic



Pneumatic

MOTORS, DRIVES AND CONTROLLERS

Industrial Drives



AC Drives



Servo Drives

Controllers



Hydraulic Motors



Bent Axis Motors

Electric Motors



Servo Motors



Gearboxes



Frameless Motors

FOR INDUSTRIAL MARKETS

PUMPS

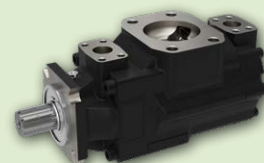
Hydraulic Pumps



Bent Axis Pumps



Piston Pumps



Vane Pumps

VALVES

Hydraulic Valves



Cartridge Valves



Directional Control Valves



Pressure Valves

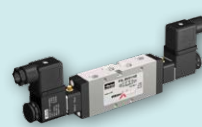


Check Valves

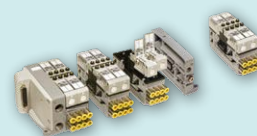


Proportional Directional Control Valves

Pneumatic Valves



Directional Control Valves



Valve Manifolds



ISO Valves



Industrial communication

AIR PREPARATION & ANCILLARIES

FRL Combos



Ancillaries



Table of Contents

ACTUATORS AND CYLINDERS

Accumulators

Bladder Accumulators – High Pressure Series EHV	10
---	----

Linear Actuators and Cylinders

Electric

High-Force Screw Driven Electric Cylinder/Linear Actuator with Piston Rod (Boxed Quantities) – Series ETH	11
Rodless Electric Linear Actuators – Series OSPE	12
High Load Rodless Linear Actuators – Series HLR	14

Hydraulic

Industrial Hydraulic Cylinders – HMIF	15
Heavy Duty Industrial Hydraulic Cylinders –Series 2HF	16
Industrial Hydraulic Cylinders – Series 3LF	17

Pneumatic

Heavy Duty Pneumatic Cylinders – Series 2AF	18
ISO 15552 Pneumatic Cylinders – Series P1F.....	19
Compact Pneumatic Cylinders, Short Build, ISO – Series P1P.....	21
Mini ISO 6432 Pneumatic Cylinders, Double Acting – Series P1A	23
Mini ISO 6432 Pneumatic Cylinders, Single Acting – Series P1A	24
Rodless Pneumatic Cylinders, Standard – Series OSP-P.....	25
Slideline Rodless Pneumatic Cylinders with External Guide – Series OSP-P	26
Electric and Electronic Sensor Actuator Accessories – Series P8S	27

MOTORS, DRIVES AND CONTROLLERS

Industrial Drives

AC Drives

AC Variable Frequency Drives, kW Rated – Series AC15.....	28
AC Variable Frequency Drives, kW Rated – Series AC20.....	29
AC Variable Frequency Drives, kW Rated – Series AC30.....	30

Servo Drives

Single-Axis & Multi-Axis Servo Drives – Series PSD1.....	33
--	----

Controllers

Parker Motion Controller – PAC Series.....	35
Safety Modules	36
Parker Touchpanel – PACTL Series.....	36

Electric Motors

Servo Motors

Low-Inertia Brushless Servo Motors – Series SMH	37
General Purpose Brushless Servo Motors – Series MH	38
Explosion Proof (ATEX Zone 1) Brushless Servo Motors – Series EX.....	39
Explosion Proof (ATEX Zone 2) Brushless Servo Motors – Series EY.....	40

Frameless Motors

Frameless Low Cogging Servo Motors – Series NK.....	41
---	----

Hydraulic Motors

Bent Axis Motors

Bent Axis Fixed Motors – Series F10.....	42
Bent Axis Fixed Motors – Small Frame Series F11	43
Bent Axis Fixed Motors – Large Frame Series F12	44

PUMPS

Hydraulic Pumps

Vane Pumps

Industrial Vane Pump – Series T7*	45
Variable Speed Vane Pump – Series T7	46

Bent Axis Pumps

Bent Axis Fixed Pumps – Series F10.....	47
Bent Axis Fixed Pumps – Small Frame Series F11	48
Bent Axis Fixed Pumps – Large Frame Series F12	49

Piston Pumps

Axial Piston Variable Displacement Pumps – Series PVplus	50
--	----

VALVES

Hydraulic Valves

Cartridge Valves

Pressure Regulating Valves

Direct Acting Relief Valve – Series A02A2*	51
Direct Acting Relief Valve – Series A02B2*	52
Direct Acting Relief Valve – Series A04B2*	53
Direct Acting Relief Valve – Series A04J2*	54
Direct Acting Reducing Valve – Series C02A3*	55

Pilot Operated Valves

Pilot Operated Relief Valves – Series RAH*	56
--	----

Sequence Valves

Sequence Valve – Series B04H4*	57
--------------------------------------	----

Check & Shuttle Valves

Ball Type Check Valve – Series D02B2/D04B2*	58
Insert Type Check Valve – Series D1*	59
Pilot to Open Check Valve – Series D4A020*	60
Insert Shuttle Valve – Series KSWA3N.....	61
Cartridge Ball Type Shuttle Valve – Series K02A3	62
Insert Poppet Type Shuttle Valve – Series K2A005	63

Load Control Valves

Standard Pilot Assisted Valve – Series E2*	64
Vented Load Control Valve – Series E6*	65

Flow Regulating Valves

Needle Flow Control Valves – Series J02A2.....	66
Pressure Compensated Priority Flow Control Valves – Series J***	67
Flow Divider/Combiner Valves – Series L06A3*	68

Diverter Valves	
Spool Type Logic Elements – Series R0*E3.....	69
Spool Type Logic Elements – Series R06H3*	70
Directional Control Valves	
3-Way/2-Position Pilot Operated Directional ControlValves – Series N5*	71
Proportional Valves	
Pressure Relieving Proportional Valves – Series AP0*	72
On/Off Solenoid Valves	
2-Way Poppet Type Solenoid Valve – Series DS*1*	73
2-Way Poppet Type Bi-Directional Solenoid Valves – Series GS0481*	74
2-Way Poppet Type Bi-Directional Solenoid Valve – Series GS0681*	75
2-Way Poppet Type Bi-Directional Solenoid Valve –Series GS0686*	76
4-Way 2-Position Spool Type Solenoid Valve – Series GS0242*	77
3-Way Spool Type Solenoid Valve – Series DS*3*	78
Coils	
1/2" and 5/8" Super Coil – Series CC*/CA*	79
Slip-in Cartridge Valves	
2-Way High Performance Proportional Throttle Valve – Series TDC	80
2-Way High-Response Valve – Series TDP	81
2-Way High-Response Valve with Shut-Off Valve – Series TEP	82
2-Way Servo Proportional Valve with VCD Technology – Series TFP	83
3-Way High-Response Valve – Series TPQ	84
Directional Control Valves	
Directional Control Valve – D1VW Series	85
Directional Control Valve – D1MW Series	86
Directional Control Valve – D3W Series	87
Directional Control Valve – D3MW Series	88
Pilot Operated Directional Control Valve – D*1*W Series	89
Proportional Directional Control Valves	
Direct Operated Proportional Directional Control Valve – D1FB/D3FB Series.....	90
Direct Operated Proportional Directional Control Valve – D1FB/D3FB OBE Series	91
Pilot Operated Proportional Directional Control Valve – D*1FB Series.....	92
Pilot Operated Proportional Directional Control Valve – D*1FB OBE Series	93
Direct Operated Proportional Directional Control Valve – D1FC/D3FC Series.....	94
Pilot Operated Proportional Directional Control Valve – D*1FC Series.....	95
Direct Operated Proportional Directional Control Valve – D1FP/D3FP Series.....	96
Pilot Operated Proportional Directional Control Valve – D*1FP Series.....	97
Pressure Valves	
Pilot Operated Pressure Relief Valve, Subplate Mounting – Series R4V/R6V/R4V/R6V Proportional.....	98
Pilot Operated Proportional Pressure Relief Valve, Subplate Mounting – Series R4V/R6V OBE.....	99
Pilot Operated Pressure Reducing Valve, Subplate Mounting – Series R4R / R4R*P2.....	100
Unloading Valve, Subplate Mounting – Series R4U	101
Pilot Operated Sequence Valve, Subplate Mounting – Series R4S.....	102
Pilot Operated Pressure Relief Valve, In-line Mounting – Series R4V/R4V*P2	103
Pilot Operated Pressure Reducing Valve, In-Line Mounting – Series R4R/R4R*P2	104
Pilot Operated Pressure Relief Valve, SAE Flange – Series R5V/R5V*P2	105
Pilot Operated Pressure Unloading Valve, SAE Flange – Series R5Us	106
Pilot Operated Sequence Valve, SAE Flange – Series R5S.....	107
Direct Operated Proportional Pressure Relief Valve – Series RE06M*W.....	108
Direct Operated Proportional Pressure Relief Valve – Series RE06M*T	109

Check Valves

Direct Operated / Hydraulically Pilot Operated Check Valve, Subplate Mounting – Series C4V	110
2/2-Way Seat Valve, Subplate Mounting – Series D4S	111
2/2-Way Seat Valve, In-Line Mounting – Series D4S.....	112
Directional Seat Valve, SAE Flange – Series D5S	113

Pneumatic Valves**Valve Manifolds**

Pneumatic Solenoid Valve – Series Moduflex.....	114
Pneumatic Solenoid Valve – Series H Micro	118

ISO Valves

Pneumatic Solenoid ISO Valve –Series DX ISOMAX 15407-1.....	119
Pneumatic Solenoid ISO Valve – Series ISO 5599-1	121
Pneumatic Solenoid Valve – Series ISO 15407-2 and 5599-2 H ISO Plug-In and Universal Manifold	126

Industrial communication

Pneumatic Solenoid Valve – Series P2M Communication node.....	128
---	-----

Directional Control Valves

Pneumatic Solenoid Valve or Extreme Environments – Series Viking Xtreme	130
---	-----

AIR PREPARATION AND ANCILLARIES**Air Preparation**

Global FRL Combos – Series P31	134
Global FRL Combos – Series P32	135
Global FRL Combos – Series P33	136
Accessories.....	138
P3X FRL Combos	142

ACCUMULATORS

Bladder Accumulators – High Pressure Series EHV

Designed for high pressure hydraulic systems, the EHV bladder accumulator is available in carbon & stainless steel, (70 to 690 bar, 0.2 to 57 litres).

Options with a flanged SAE fluid port and for high flow rates are also available.

Technical Specifications EHV Boxed quantities

Product Type:	Bladder accumulator
Gas Volume:	from 2.5 to 50 l
Working Pressure:	Up to 350 bar
Fluid Type:	Groupe 2
Maximal Flow Rate:	900 l/min
Temp Range:	-20 °C to 80 °C
Accessories available:	Clamps Brackets Lifting eye, repair kits
Material:	- Shell: Carbon steel - Fluid port and stem valve: carbon steel zinc plated - Bladder: Nitrile
Regulation:	CE marked according to PED 2014-68/EU



Ordering Information

Description	Box Qty	Part Number
EHV 2.5-350/90-A25DC-200	12	09520001125
EHV 4-350/90-A25DC-200	12	09520101125
EHV 6-350/90-A25DC-200	12	09520201125
EHV 10-330/90-A25GC-200	9	09520301125
EHV 20-330/90-A25GC-200	9	09520401125
EHV 32-330/90-A25GC-200	6	09520501125
EHV 50-330/90-A25GC-200	6	09520601125

Leadtime:
15 working days.



Product page



Catalogue

ELECTRIC ACTUATORS

High-Force Screw Driven Electric Cylinder/Linear Actuator with Piston Rod (Boxed Quantities) – Series ETH

Offering thrust forces to 114000 N, strokes to 2.0 m and an ISO compatible flange, the ETH electric cylinders close the gap to pneumatic/hydraulic actuators, offering a suitable replacement with the benefits of greater control & increased reliability.

Technical Specifications

Rod End Dimension:	ISO
Drive Axis Type:	Screw
Maximum Stroke Length:	2000 mm
Maximum Operating Speed:	0.8 m/sec
Maximum Acceleration:	10 m/sec ²
Maximum Thrust:	114000 N
Ingress Protection Rating:	IP54, IP65 (optional)
Corrosion Resistance Included:	Yes (stainless steel, aluminum parts outside)
Specifications Met:	RoHS, ATEX 2 IIG c IIB T4 (optional)
Operating Temperature:	-10 to 70 °C



Ordering Information

ETH Size	ETH032...	ETH050...	ETH080...	ETH100...	ETH125...
	outside square size 46.5 mm x 46.5 mm	outside square size 63.5 mm x 63.5 mm	outside square size 95 mm x 95 mm	outside square size 120 mm x 120 mm	outside square size 150 mm x 150 mm
Thread Lead [mm/rev.]	5 10 16	5 10 20	5 10	10 20	10 20
Max. Thrust Force Inline Motor Mounting	3600 N 3700 N 2400 N	9300 N 7000 N 4400 N	17 800 N 25 100 N	54 800 N 56 000 N	88 700 N 114 000 N
Max. Thrust Force Parallel Motor Mounting	3600 N 3280 N 2050 N	9300 N 4920 N 2460 N	17 800 N 11 620 N	54 800 N 50 800 N	76 300 N 81 400 N
Stroke	50 mm - 1000 mm in steps of 1 mm	50 mm - 1200 mm in steps of 1 mm	100 mm - 1600 mm in steps of 1 mm	200 mm - 2000 mm in steps of 1 mm	200 mm - 2000 mm in steps of 1 mm
Velocity (depending on stroke) [mm/s]	146 - 333 277 - 667 440 - 1067	139 - 333 270 - 667 536 - 1333	140 - 267 267 - 533	76 - 400 148 - 800	94 - 417 170 - 833
Acceleration [m/s ²]	4 8 12	4 8 15	4 8	8 10	8 10
Motor Mounting	Inline / Parallel				
Adaptable Standard Motors / Gearboxes					
	SMH60, NX3, EX3	SMH60, NX3, EX3	SMH82, NX4, EX4	SMH115, MH105, NX6	MH205, SMH170
	SMH82	SMH82	SMH100, MH105	SMH142, MH145	MH265
	PE3	NX4, EX4	SMH115, NX6, EX6	MH205, SMH170	PE7
		MH105	SMH142, MH145	PE5	
		SMH100	PE4		
		PE3			
Environmental Conditions	IP54 (Standard) / IP65				
Explosive Atmosphere	ATEX				

Leadtime:
20 - 40 working
days for standard
actuators.



Product page



Catalogue

ELECTRIC ACTUATORS

Rodless Electric Linear Actuators – Series OSPE

The OSP-E rodless linear actuator family is built on a completely modular concept to cover a wide range of industrial handling applications. Engineered for reliability and high performance, the OSP-E's optimized design accommodates even the most challenging installation requirements.

Two electric belt actuator configurations for high speed, long travel and precise positioning.

- OSP-E..BHD: Belt actuator with integrated square rail guide – Heavy-duty configuration for demanding loads and continuous duty cycles, combining superior stiffness with long service life.
- OSP-E..B: Belt actuator with internal plain-bearing guide – Compact point-to-point solution optimized for space-constrained layouts while delivering smooth, repeatable motion.



Ordering Information & Technical Specifications

OSP-E Series		Modular Electric Rodless Actuator Belt-Driven					
Drive Technology	OSP-E..BHD				OSP-E..B		
	Toothed belt - square rail guidance				Toothed belt - plain gearing guidance		
OSP-E Size	OSP-E20-BHD	OSP-E25-BHD	OSP-E32-BHD	OSP-E25-BHD	OSP-E25-B	OSP-E32-B	OSP-E50-B
	73 x 49 mm	93 x 52.5 mm	116 x 66.5 mm	175 x 92.5 mm	41 x 52.5 mm	52 x 66.5 mm	87 x 92.5 mm
Max. Load F _z	1600 N	3000 N	10 000 N	15 000 N	160 N	300 N	850 N
Max. Stroke	5630 mm	5590 mm	5550 mm	5450 mm	5675 mm	5635 mm	5660 mm
Max. Thrust Force F _x	550 N	1070 N	1870 N	3120 N	50 N	150 N	425 N
Velocity	3 m/s	5 m/s	5 m/s	5 m/s	2 m/s	3 m/s	5 m/s
Acceleration	50 m/s ²				10 m/s ²		
Carrier	Tandem / Bi-parting				Tandem / Bi-parting		
External Guides	-				Proline / Powerslide		
Adaptable Standard Motor / Gearbox	SMH-Series / PS-Series				SMH-Series / PS-Series		
Environmental Conditions	IP54				IP54		
	Equipped with a stainless steel cover strip				Equipped with a stainless steel cover strip		

OSP-E Series Modular Electric Rodless Actuator Screw-Driven									
Drive Technology	OSP-E..SB						OSP-E..ST		
	Ball screw - plain bearing guidance						Trapezoidal screw - plain bearing guidance max. 10% duty cycle		
OSP-E Size	OSP-E25-SB	OSP-E32-SB		OSP-E50-SB			OSP-E25-ST	OSP-E32-ST	OSP-E50-ST
	41 x 52.5 mm	52 x 66.5 mm		87 x 92.5 mm			41 x 52.5 mm	52 x 66.5 mm	87 x 92.5 mm
Thread Lead	5 mm	5 mm	10 mm	5 mm	10 mm	25 mm	4 mm	4 mm	6 mm
Max. Load F _z	500 N	1200 N		3000 N			500 N	1000 N	1500 N
Max. Stroke	1100 mm	2000 mm		3200 mm			1100 mm	2000 mm	2500 mm
Max. Thrust Force F _x	250 N	600 N		1500 N			600 N	1300 N	2500 N
Velocity	0.25 m/s	0.25 m/s	0.5 m/s	0.25 m/s	0.5 m/s	1.25 m/s	0.1 m/s	0.1 m/s	0.15 m/s
Acceleration	2 m/s ²	2 m/s ²	4 m/s ²	2 m/s ²	4 m/s ²	10 m/s ²	-	-	-
External Guides	Slideline / Proline / Powerslide / Heavy-Duty-Guide								
Adaptable Standard Motor / Gearbox	SMH-Series / PS-Series								
Environmental Conditions	IP54								
	Equipped with a stainless steel cover strip								
Specials	Clean Room						-		

Leadtime:
40 working days for
standard actuators.



Product page



Catalogue

ELECTRIC ACTUATORS

High Load Rodless Linear Actuators – Series HLR

HLR070/080 is a belt driven / linear guideway equipped rodless linear actuator offering high load capacity at a small form factor and high dynamics up to 5 m/s and 50 m/s. The HLR is optimised to build easily multiaxis systems.



Technical Specifications

Drive Axis Type:	Belt
Bearing Type:	Linear guideway
Maximum Stroke Length:	3500 mm
Maximum Operating Speed:	5 m/sec
Maximum Acceleration:	50 m/sec ²
Maximum Thrust:	FX: 900 N
Load Capacity:	FZ: 3847 N
Repeatability:	± 0.05 mm, ± 0.002 inch
Idler Unit Option:	Yes
Specifications Met:	2011/65/EG ROHS
Feedback Type:	None

Ordering Information

HLR Series		High Load Rodless Actuator	
Belt driven, square rail guided linear actuator			
HLR Size	HLR070...		HLR080...
	outside square size 69 mm x 64 mm		outside square size 82 mm x 76.5 mm
Carrier	Standard	Extended	Standard
	372 mm length	412 mm length	372 mm length
Max. Load Fz	2628 N	3847 N	3847 N
Stroke	100 - 2500 mm		50 - 3500 mm
Max. Thrust Force Fx	500 N		900 N
Velocity	5 m/s		
Acceleration	50 m/s²		
Adaptable Standard Gearbox	PE2		PE3
	Mountable on 4 different positions		Mountable on 4 different positions
Environmental Conditions	IP40		
Gantries	Equipped with a stainless steel cover strip		
	Prepared for assembling X-Y & X-Y-Z gantries		

Leadtime:
25 working days for
standard actuators.



Product page



Catalogue

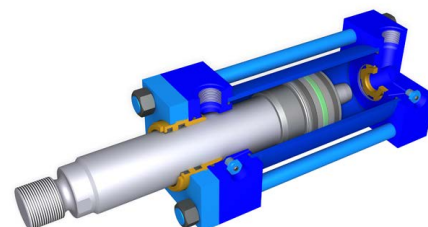
HYDRAULIC CYLINDERS

Industrial Hydraulic Cylinders – Series HMIF

210 bar hydraulic cylinders conforming to ISO 6020/2. The HMIF is available to you at fast despatch. With lots of options to choose from, the new e-configurator will assist you in the configuration of your individual cylinder.

Technical Specifications

Product Style:	Tie rod cylinder
Operating Pressure:	up to 210 bar
Bore Diameter:	5 to 100 mm
Rod Diameter:	12 to 140 mm
Maximal Stroke :	2000 mm
Operating Temperature:	-20 °C + 150 °C
Mounting Styles:	8
Cylinder Action:	Double acting
Port Type:	Metric, BSPP
Multiple rod diameter per bore size	



Ordering Information

Use online [configurator on Parker.com](https://parker.com/configurator) for selection.

Leadtime:
3 working days (max.
order quantities 5 units).



Product page



Catalogue

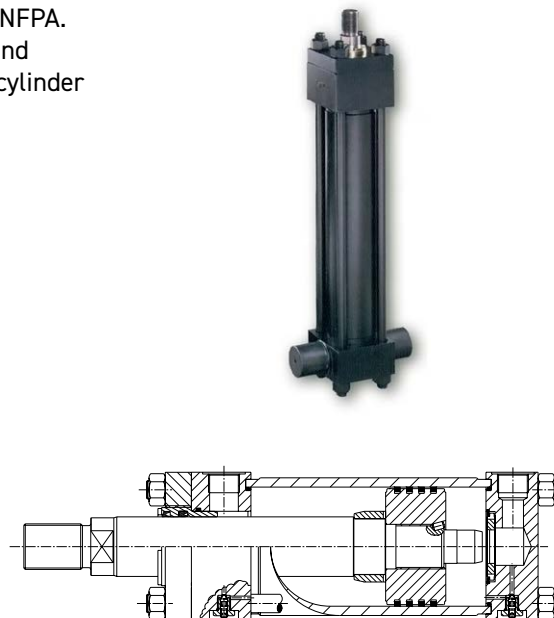
HYDRAULIC CYLINDERS

Heavy Duty Industrial Hydraulic Cylinders – Series 2HF

210 Bar heavy duty tie rod hydraulic cylinders conforming to ANSI and NFPA. The tie rod construction sets the standard for performance, durability and trouble-free operation with superior design and quality to ensure long cylinder service life.

Technical Specifications

Product Style:	Tie rod cylinder
Operating Pressure:	up to 210 bar
Bore Diameter:	25.4 to 63.5 mm
Rod Diameter:	12.7 to 44.5 mm
Maximal Stroke:	2000 mm
Operating Temperature:	-20 °C + 150 °C
Mounting Styles:	10
Cylinder Action:	Double acting
Port Type:	Metric, BSPP, UNF, NPT
Multiple rod diameter per bore size	



Ordering Information

Use online [configurator on Parker.com](https://parker.com/configurator) for selection.

Leadtime:
15 working days.



Product page



Catalogue

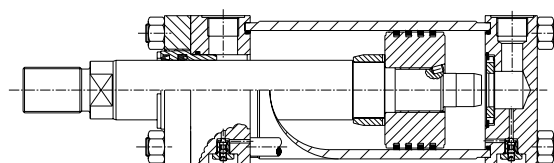
HYDRAULIC CYLINDERS

Industrial Hydraulic Cylinders – Series 3LF

70 Bar heavy duty tie rod hydraulic cylinders conforming to ANSI and NFPA. The tie rod construction sets the standard for performance, durability and trouble-free operation with superior design and quality to ensure long cylinder service life.

Technical Specifications

Product Style:	Tie rod cylinder
Operating Pressure:	up to 70 bar
Bore Diameter:	25.4 to 63.5 mm
Rod Diameter:	12.7 to 44.5 mm
Maximal Stroke:	2000 mm
Operating Temperature	-20 °C + 150 °C
Mounting Styles:	9
Cylinder Action:	Double acting
Port Type:	Metric, BSPP, UNF, NPT
Multiple rod diameter per bore size	



Ordering Information

Use online [configurator on Parker.com](https://parker.com/configurator) for selection.

Leadtime:
15 working days.



Product page



Catalogue

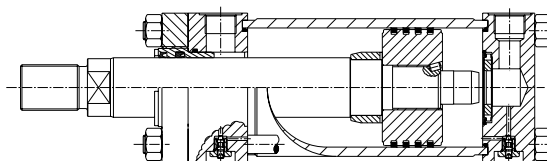
PNEUMATIC CYLINDERS

Heavy Duty Pneumatic Cylinders – Series 2AF

18 bar heavy duty pneumatic cylinders conforming to ANSI and NFPA. The tie rod construction sets the standard for performance, durability and trouble-free operation with superior design and quality to ensure long cylinder service life.

Technical Specifications

Product Style:	Tie rod cylinder
Operating Pressure:	up to 18 bar
Bore Diameter:	50.8 to 101.6 mm
Rod Diameter:	15.9 to 44.5 mm
Maximal Stroke:	2000 mm
Operating Temperature:	-20 °C + 150 °C
Mounting Styles:	8
Cylinder Action:	Double acting
Port Type:	Metric, BSPP, UNF, NPT
Multiple rod diameter per bore size	



Ordering Information

Use online [configurator on Parker.com](https://parker.com/configurator) for selection.

Leadtime:
15 working days.



Product page

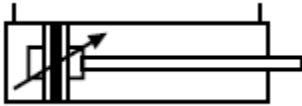


Catalogue

PNEUMATIC CYLINDERS

ISO 15552 Pneumatic Cylinders – Series P1F

The P1F Series in bore sizes Ø32 to 125 mm is an ISO 15552 pneumatic cylinder suitable for standard, low & high temperatures. With various piston rod materials and wiper/rod sealing options for a wide range of applications. Strokes up to 2500 mm.



Technical Specifications

- Maximum operating pressure: 10 bar
- Temperature range -20 °C to +80 °C
- Bores 32 - 125 mm
- Strokes 1 - 2500 mm
- Adjustable cushioning
- Stainless piston rod
- Optional ISO 15552 mountings & optional sensors

Ordering Information

Stroke (mm)	Ø32 mm bore: G1/8 Ports	Ø40 mm bore: G1/4 Ports	Ø50 mm bore: G1/4 Ports	Ø63 mm bore: G3/8 Ports
25	P1F-S032MS-0025-0000	P1F-S040MS-0025-0000	P1F-S050MS-0025-0000	P1F-S063MS-0025-0000
40	P1F-S032MS-0040-0000	P1F-S040MS-0040-0000	P1F-S050MS-0040-0000	P1F-S063MS-0040-0000
50	P1F-S032MS-0050-0000	P1F-S040MS-0050-0000	P1F-S050MS-0050-0000	P1F-S063MS-0050-0000
80	P1F-S032MS-0080-0000	P1F-S040MS-0080-0000	P1F-S050MS-0080-0000	P1F-S063MS-0080-0000
100	P1F-S032MS-0100-0000	P1F-S040MS-0100-0000	P1F-S050MS-0100-0000	P1F-S063MS-0100-0000
125	P1F-S032MS-0125-0000	P1F-S040MS-0125-0000	P1F-S050MS-0125-0000	P1F-S063MS-0125-0000
160	P1F-S032MS-0160-0000	P1F-S040MS-0160-0000	P1F-S050MS-0160-0000	P1F-S063MS-0160-0000
200	P1F-S032MS-0200-0000	P1F-S040MS-0200-0000	P1F-S050MS-0200-0000	P1F-S063MS-0200-0000
250	P1F-S032MS-0250-0000	P1F-S040MS-0250-0000	P1F-S050MS-0250-0000	P1F-S063MS-0250-0000
320	P1F-S032MS-0320-0000	P1F-S040MS-0320-0000	P1F-S050MS-0320-0000	P1F-S063MS-0320-0000
400	P1F-S032MS-0400-0000	P1F-S040MS-0400-0000	P1F-S050MS-0400-0000	P1F-S063MS-0400-0000
500	P1F-S032MS-0500-0000	P1F-S040MS-0500-0000	P1F-S050MS-0500-0000	P1F-S063MS-0500-0000

Stroke (mm)	Ø80mm bore: G3/8 Ports	Ø100mm bore: G1/2 Ports	Ø125mm bore: G1/2 Ports
25	P1F-S080MS-0025-0000	P1F-S100MS-0025-0000	P1F-S125MS-0025-0000
40	P1F-S080MS-0040-0000	P1F-S100MS-0040-0000	P1F-S125MS-0040-0000
50	P1F-S080MS-0050-0000	P1F-S100MS-0050-0000	P1F-S125MS-0050-0000
80	P1F-S080MS-0080-0000	P1F-S100MS-0080-0000	P1F-S125MS-0080-0000
100	P1F-S080MS-0100-0000	P1F-S100MS-0100-0000	P1F-S125MS-0100-0000
125	P1F-S080MS-0125-0000	P1F-S100MS-0125-0000	P1F-S125MS-0125-0000
160	P1F-S080MS-0160-0000	P1F-S100MS-0160-0000	P1F-S125MS-0160-0000
200	P1F-S080MS-0200-0000	P1F-S100MS-0200-0000	P1F-S125MS-0200-0000
250	P1F-S080MS-0250-0000	P1F-S100MS-0250-0000	P1F-S125MS-0250-0000
320	P1F-S080MS-0320-0000	P1F-S100MS-0320-0000	P1F-S125MS-0320-0000
400	P1F-S080MS-0400-0000	P1F-S100MS-0400-0000	P1F-S125MS-0400-0000
500	P1F-S080MS-0500-0000	P1F-S100MS-0500-0000	P1F-S125MS-0500-0000

Leadtime:
Yellow highlighted
part numbers are on
stock at EDC.



Product page



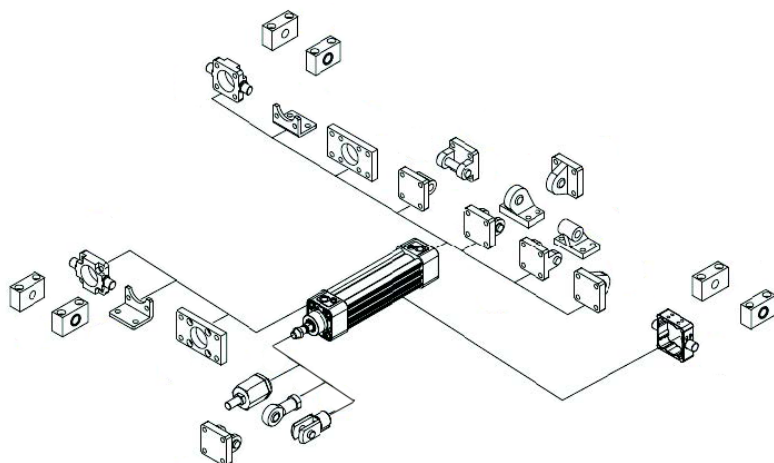
Catalogue

	Flange MF1 / MF2	Foot brackets MS1	Pivot bracket with rigid bearing AB7	Swivel eye bracket MP6	Clevis bracket MP2
Bore [mm]					
Ø32	P1C-4KMB	P1C-4KMF	P1C-4KMDB	P1C-4KMSB	P1C-4KMTB
Ø40	P1C-4LMB	P1C-4LMF	P1C-4LMDB	P1C-4LMSB	P1C-4LMTB
Ø50	P1C-4MMB	P1C-4MMF	P1C-4MMDB	P1C-4MMSB	P1C-4MMTB
Ø63	P1C-4NMB	P1C-4NMF	P1C-4NMDB	P1C-4NMSB	P1C-4NMTB
Ø80	P1C-4PMB	P1C-4PMF	P1C-4PMDB	P1C-4PMSB	P1C-4PMTB
Ø100	P1C-4QMB	P1C-4QMF	P1C-4QMDB	P1C-4QMSB	P1C-4QMTB
Ø125	P1C-4RMB	P1C-4RMF	P1C-4RMDB	P1C-4RMSB	P1C-4RMTB

	Clevis bracket MP4	Clevis bracket AB6	Pivot bracket with swivel bearing CS7	3 and 4 position flange JP1	Swivel rod eye AP6
					
Ø32	P1C-4KMEB	P1C-4KMCEB	P1C-4KMAF	P1E-6KB0	P1C-4KRS
Ø40	P1C-4LMEB	P1C-4LMCEB	P1C-4LMAF	P1E-6LB0	P1C-4LRS
Ø50	P1C-4MMEB	P1C-4MMCEB	P1C-4MMAF	P1E-6MB0	P1C-4MRS
Ø63	P1C-4NMEB	P1C-4NMCEB	P1C-4NMAF	P1E-6NB0	P1C-4LMRS
Ø80	P1C-4PMEB	P1C-4PMCEB	P1C-4PMAF	P1E-6PB0	P1C-4PRS
Ø100	P1C-4QMEB	P1C-4QMCEB	P1C-4QMAF	P1E-6QB0	P1C-4PRS
Ø125	P1C-4RMEB	P1C-4RMCEB	P1C-4RMAF	-	P1C-4RRS

	Pivot brackets AT4	Flange trunnion MTS/MT6	Clevis AP2	Flexo coupling PM5	Nut Zinc plated steel
					
Ø32	9301054261	P1D-4KMYF	P1C-4KRC	P1C-4KRF	P14-4KRPZ*
Ø40	9301054262	P1D-4LMYF	P1C-4LRC	P1C-4LRF	P14-4LRPZ*
Ø50	9301054262	P1D-4MMYF	P1C-4MRC	P1C-4MRF	P14-4MRPZ*
Ø63	9301054264	P1D-4NMYF	P1C-4MRC	P1C-4MRF	P14-4MRPZ*
Ø80	9301054264	P1D-4PMYF	P1C-4PRC	P1C-4PRF	P14-4PRPZ*
Ø100	9301054266	P1D-4QMYF	P1C-4PRC	P1C-4PRF	P14-4PRPZ*
Ø125	9301054266	-	P1C-4RRC	P1C-4RRF	P14-4RRPZ*

* Sold as a quantity pack of 10 off.

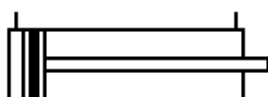
**Leadtime:**

Yellow highlighted part numbers are on stock at EDC.

PNEUMATIC CYLINDERS

Compact Pneumatic Cylinders, Short Build, ISO – Series P1P

The P1P actuator in bore sizes Ø20 to Ø100 mm is an ISO 21287 compact cylinder with high temperature options suitable for processing, packaging and handling applications.



Technical Specifications

- Maximum operating pressure: 10 bar
- Temperature range -20 °C to +80 °C
- Bores 20 - 100 mm
- Strokes 1 - 500 mm
- Elastic cushioning
- Stainless piston rod
- Optional ISO 15552 mountings
- Optional sensors

Ordering Information

Stroke (mm)	Ø20 mm bore: M5 Ports	Ø25 mm bore: M5 Ports	Ø32 mm bore: G1/8 Ports	Ø40 mm bore: G1/8 Ports
5	P1PS020DS7G0005	P1PS025DS7G0005	P1PS032DS7G0005	P1PS040DS7G0005
10	P1PS020DS7G0010	P1PS025DS7G0010	P1PS032DS7G0010	P1PS040DS7G0010
15	P1PS020DS7G0015	P1PS025DS7G0015	P1PS032DS7G0015	P1PS040DS7G0015
20	P1PS020DS7G0020	P1PS025DS7G0020	P1PS032DS7G0020	P1PS040DS7G0020
25	P1PS020DS7G0025	P1PS025DS7G0025	P1PS032DS7G0025	P1PS040DS7G0025
30	P1PS020DS7G0030	P1PS025DS7G0030	P1PS032DS7G0030	P1PS040DS7G0030
40	P1PS020DS7G0040	P1PS025DS7G0040	P1PS032DS7G0040	P1PS040DS7G0040
50	P1PS020DS7G0050	P1PS025DS7G0050	P1PS032DS7G0050	P1PS040DS7G0050
60	P1PS020DS7G0060	P1PS025DS7G0060	P1PS032DS7G0060	P1PS040DS7G0060
80			P1PS032DS7G0080	P1PS040DS7G0080

Stroke (mm)	Ø50 mm bore: G1/8 Ports	Ø63 mm bore: G1/8 Ports	Ø80 mm bore: G1/8 Ports	Ø100 mm bore: G1/8 Ports
5	P1PS050DS7G0005	P1PS063DS7G0005	P1PS080DS7G0005	P1PS100DS7G0005
10	P1PS050DS7G0010	P1PS063DS7G0010	P1PS080DS7G0010	P1PS100DS7G0010
15	P1PS050DS7G0015	P1PS063DS7G0015	P1PS080DS7G0015	P1PS100DS7G0015
20	P1PS050DS7G0020	P1PS063DS7G0020	P1PS080DS7G0020	P1PS100DS7G0020
25	P1PS050DS7G0025	P1PS063DS7G0025	P1PS080DS7G0025	P1PS100DS7G0025
30	P1PS050DS7G0030	P1PS063DS7G0030	P1PS080DS7G0030	P1PS100DS7G0030
40	P1PS050DS7G0040	P1PS063DS7G0040	P1PS080DS7G0040	P1PS100DS7G0040
50	P1PS050DS7G0050	P1PS063DS7G0050	P1PS080DS7G0050	P1PS100DS7G0050
60	P1PS050DS7G0060	P1PS063DS7G0060	P1PS080DS7G0060	P1PS100DS7G0060
80	P1PS050DS7G0080	P1PS063DS7G0080	P1PS080DS7G0080	P1PS100DS7G0080
100			P1PS080DS7G0100	P1PS100DS7G0100

Leadtime:

Yellow highlighted part numbers are on stock at EDC.

Flange MF1 / MF2



Foot brackets MS1



Pivot bracket with rigid bearing AB7



Swivel eye bracket MP6



Clevis bracket MP2



Ø20	P1P-4HMB	P1P-4HMF	-	-	-
Ø25	P1P-4JMB	P1P-4JMF	-	-	-
Ø32	P1C-4KMB	P1C-4KMF	P1C-4KMDB	P1C-4KMSB	P1C-4KMTB
Ø40	P1C-4LMB	P1C-4LMF	P1C-4LMDB	P1C-4LMSB	P1C-4LMTB
Ø50	P1C-4MMB	P1C-4MMF	P1C-4MMDB	P1C-4MMSB	P1C-4MMTB
Ø63	P1C-4NMB	P1C-4NMF	P1C-4NMDB	P1C-4NMSB	P1C-4NMTB
Ø80	P1C-4PMB	P1C-4PMF	P1C-4PMDB	P1C-4PMSB	P1C-4PMTB
Ø100	P1C-4QMB	P1C-4QMF	P1C-4QMDB	P1C-4QMSB	P1C-4QMTB

Clevis bracket MP4



Clevis bracket AB6



Pivot bracket with swivel bearing CS7



3 and 4 position flange JP1



Pivot brackets AT4



Ø20	P1P-4HME	-	-	-	P1A-4HRS
Ø25	P1P-4JME	-	-	-	P1A-4HRS
Ø32	P1C-4KMEB	P1C-4KMCB	P1C-4KMAF	P1E-6KB0	P1C-4KRS
Ø40	P1C-4LEMB	P1C-4LMCB	P1C-4LMAF	P1E-6LB0	P1C-4KRS
Ø50	P1C-4MMEB	P1C-4MMCB	P1C-4MMAF	P1E-6MB0	P1C-4LRS
Ø63	P1C-4NMEB	P1C-4NMCB	P1C-4NMAF	P1E-6NB0	P1C-4LRS
Ø80	P1C-4PEMB	P1C-4PMCB	P1C-4PMAF	P1E-6PB0	P1C-4MRS
Ø100	P1C-4QMEB	P1C-4QMCB	P1C-4QMAF	P1E-6QB0	P1C-4MRS

Pivot brackets AT4



Flange trunnion MTS/MT6



Clevis AP2

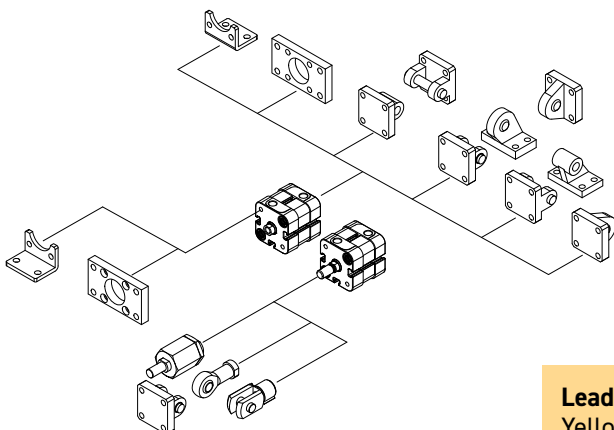


Flexo coupling PM5

Nut
Zinc plated steel

Ø20	-	-	P1A-4HRC	P1C-4HRF	P14-4HRPZ*
Ø25	-	-	P1A-4HRC	P1C-4HRF	P14-4HRPZ*
Ø32	9301054261	P1D-4KMYF	P1C-4KRC	P1C-4KRF	P14-4KRPZ*
Ø40	9301054262	P1D-4LMYF	P1C-4KRC	P1C-4KRF	P14-4KRPZ*
Ø50	9301054262	P1D-4MMYF	P1C-4LRC	P1C-4LRF	P14-4LRPZ*
Ø63	9301054264	P1D-4NMYF	P1C-4LRC	P1C-4LRF	P14-4LRPZ*
Ø80	9301054264	P1D-4PMYF	P1C-4MRC	P1C-4MRF	P14-4MRPZ*
Ø100	9301054266	P1D-4QMYF	P1C-4MRC	P1C-4MRF	P14-4MRPZ*

* Sold as a quantity pack of 10 off.



Leadtime:
Yellow highlighted part numbers are on stock at EDC.



Product page

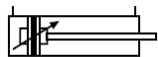


Catalogue

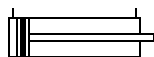
PNEUMATIC CYLINDERS

Mini ISO 6432 Pneumatic Cylinders, Double Acting – Series P1A

The P1A actuator in bore sizes Ø10 to Ø25mm is a mini ISO 6432 cylinder suitable for lighter duties in the packaging, food and textile industries.



Double acting with
adjustable cushioning



Double acting with
buffer cushioning



Technical Specifications

- Maximum operating pressure: 10 bar
- Temperature range -20 °C to +80 °C
- Bores 10 - 25 mm
- Strokes 1 - 1000 mm
- Stainless piston rod
- Optional ISO mountings
- Optional sensors

Ordering Information

Double acting with adjustable cushioning

Stroke (mm)	Ø20 mm bore: M5 Ports	Ø20 mm bore: G1/8 Ports	Ø25 mm bore: G1/8 Ports
25	P1A-S016MS-0025	P1A-S020MS-0025	P1A-S025MS-0025
50	P1A-S016MS-0050	P1A-S020MS-0050	P1A-S025MS-0050
100	P1A-S016MS-0100	P1A-S020MS-0100	P1A-S025MS-0100

Double acting with buffer cushioning

Stroke (mm)	Ø10 mm bore: M5 Ports	Ø12 mm bore: M5 Ports	Ø16 mm bore: M5 Ports
10	P1A-S010DS-0010	P1A-S012DS-0010	P1A-S016DS-0010
25	P1A-S010DS-0025	P1A-S012DS-0025	P1A-S016DS-0025
50	P1A-S010DS-0050	P1A-S012DS-0050	P1A-S016DS-0050
80	P1A-S010DS-0080	P1A-S012DS-0080	P1A-S016DS-0080

Stroke (mm)	Ø20 mm bore: G1/8 Ports	Ø25 mm bore: G1/8 Ports
10	P1A-S020DS-0010	P1A-S025DS-0010
25	P1A-S020DS-0025	P1A-S025DS-0025
50	P1A-S020DS-0050	P1A-S025DS-0050
80	P1A-S020DS-0080	P1A-S025DS-0080
100	P1A-S020DS-0100	P1A-S025DS-0100
125	P1A-S020DS-0125	P1A-S025DS-0125
160	P1A-S020DS-0160	P1A-S025DS-0160

Leadtime:

Yellow highlighted part numbers are on stock at EDC.



Product page

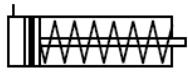


Catalogue

PNEUMATIC CYLINDERS

Mini ISO 6432 Pneumatic Cylinders, Single Acting – Series P1A

The P1A actuator in bore sizes Ø10 to Ø25mm is a mini ISO 6432 cylinder suitable for lighter duties in the packaging, food and textile industries.



Spring return



Spring extend



Technical Specifications

- Maximum operating pressure: 10 bar.
- Temperature range -20 °C to +80 °C
- Bores 10 - 25 mm
- Stainless piston rod
- Optional ISO mountings
- Optional sensors

Ordering Information

Single acting - Spring return

Stroke (mm)	Ø10 mm bore: M5 Ports	Ø12 mm bore: M5 Ports	Ø16 mm bore: M5 Ports	Ø20 mm bore: G1/8 Ports	Ø25 mm bore: G1/8 Ports
10	P1A-S010SS-0010	-	-	-	-
25	P1A-S010SS-0025	P1A-S012SS-0025	P1A-S016SS-0025	P1A-S020SS-0025	P1A-S025SS-0025
50	-	P1A-S012SS-0050	P1A-S016SS-0050	P1A-S020SS-0050	P1A-S025SS-0050

Single acting - Spring extend

Stroke (mm)	Ø16 mm bore: M5 Ports	Ø20 mm bore: G1/8 Ports	Ø25 mm bore: G1/8 Ports
10	-	-	-
25	P1A-S016TS-0025	P1A-S020TS-0025	P1A-S025TS-0025
50	P1A-S016TS-0050	P1A-S020TS-0050	P1A-S025TS-0050

P1A Mini ISO 6432 Cylinder Mountings

M8 Flange



MS3 Foot



AB3 Clevis Bracket



AP6 Swivel rod eye



AP2 Clevis



	M8 Flange	MS3 Foot	AB3 Clevis Bracket	AP6 Swivel rod eye	AP2 Clevis
Ø10	P1A-4CMB	P1A-4CMF	P1A-4CMT	P1A-4CRS	P1A-4CRC
Ø12	P1A-4DMB	P1A-4DMF	P1A-4DMT	P1A-4DRS	P1A-4DRC
Ø16	P1A-4DMB	P1A-4DMF	P1A-4DMT	P1A-4DRS	P1A-4DRC
Ø20	P1A-4HMB	P1A-4HMF	P1A-4HMT	P1A-4HRS	P1A-4HRC
Ø25	P1A-4HMB	P1A-4HMF	P1A-4HMT	P1A-4JRS	P1A-4JRC

Leadtime:
Yellow highlighted part numbers are on stock at EDC.



Product page

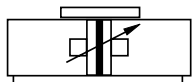


Catalogue

PNEUMATIC CYLINDERS

Rodless Pneumatic Cylinders, Standard – Series OSP-P

The OSP-P rodless actuator in bore sizes $\varnothing 10$ to $\varnothing 80$ mm is a linear actuator, guidance and control package designed into a modular system. Ideally suited for point-to point, reciprocating and simple traverse / transfer applications.



Technical Specifications

- Maximum operating pressure: 8 bar
- Temperature Range: -10 °C to +80 °C
- 8 sizes OSPP10 up to OSPP80 with max. effective thrust forces from 32 N to 2600 N (@ 6 bar)
- Identical thrust force in both directions of movement
- Metallic seal band for max. life time expectation @ minimal friction
- End caps moveable in 90° steps for changing the air inlet position in an easy way in the field
- Stroke in steps of 1 mm available
- Wide range of accessories

Ordering Information

Dia. [mm] Bore	Load Capacity Fz [N]	Roll Moment Mx [Nm]	Pitch Moment My [Nm]	Yaw Moment Mz [Nm]	Eff. Thrust Force Fx [N]	Stroke [mm]	Order Code
10 M5 ports	20	0.2	1	0.3	32	100	OSPP1000000001000000000000
						200	OSPP1000000002000000000000
						300	OSPP1000000003000000000000
16 M5 ports	120	0.45	4	0.5	78	100	OSPP1600000001000000000000
						200	OSPP1600000002000000000000
						300	OSPP1600000003000000000000
25 G1/8 ports	300	1.5	15	3	250	100	OSPP2500000001000000000000
						200	OSPP2500000002000000000000
						300	OSPP2500000003000000000000
32 G1/4 ports	450	3	30	5	420	100	OSPP3200000001000000000000
						200	OSPP3200000002000000000000
						300	OSPP3200000003000000000000
40 G1/4 ports	750	6	60	8	640	100	OSPP4000000001000000000000
						200	OSPP4000000002000000000000
						300	OSPP4000000003000000000000
50 G1/4 ports	1200	10	115	15	1000	100	OSPP5000000001000000000000
						300	OSPP5000000003000000000000
						500	OSPP5000000005000000000000
63 G3/8 ports	1650	12	200	24	1550	100	OSPP6300000001000000000000
						300	OSPP6300000003000000000000
						500	OSPP6300000005000000000000
80 G1/2 ports	2400	24	360	48	2600	100	OSPP8000000001000000000000
						300	OSPP8000000003000000000000
						500	OSPP8000000005000000000000

Leadtime:
10 - 20 working days for
standard cylinders.



Product page

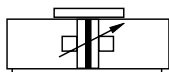


Catalogue

PNEUMATIC CYLINDERS

Slideline Rodless Pneumatic Cylinders with External Guide –Series OSP-P

External guidance allow higher load and moment capacity.



Technical Specifications

- Maximum operating pressure: 8 bar
- Temperature Range: -10 °C to +80 °C

Ordering Information

Dia. [mm] Bore	Load Capacity Fz [N]	Roll Moment Mx [Nm]	Pitch Moment My [Nm]	Yaw Moment Mz [Nm]	Eff. Thrust Force Fx [N]	Stroke [mm]	Order Code
16 M5 ports	325	6	11	11	78	100	OSPP160000000100000200000
						200	OSPP160000000200000200000
						300	OSPP160000000300000200000
25 G1/8 ports	675	14	34	34	250	100	OSPP250000000100000200000
						200	OSPP250000000200000200000
						300	OSPP250000000300000200000
32 G1/4 ports	925	29	60	60	420	100	OSPP320000000100000200000
						200	OSPP320000000200000200000
						300	OSPP320000000300000200000
40 G1/4 ports	1600	50	110	110	640	100	OSPP400000000100000200000
						200	OSPP400000000200000200000
						300	OSPP400000000300000200000
50 G1/4 ports	2000	77	180	180	1000	100	OSPP500000000100000200000
						300	OSPP500000000300000200000
						500	OSPP500000000500000200000
63 G3/8 ports	2500	120	260	260	1550	100	OSPP630000000100000200000
						300	OSPP630000000300000200000
						500	OSPP630000000500000200000
80 G1/2 ports	2500	120	260	260	2600	100	OSPP800000000100000200000
						300	OSPP800000000300000200000
						500	OSPP800000000500000200000

Leadtime:
30 working days for standard
cylinders.



Product page



Catalogue

PNEUMATIC CYLINDERS

Electric and Electronic Sensor Actuator Accessories – Series P8S

P8S Series magnetic cylinder sensor enables quick, precise and contactless sensing of the piston's position in cylinders. It is easy to mount and can be used in numerous applications.

- Electronic PNP, NPN or electric reed output.
- According to EN 60947-5-2, CE, C UL US, RoHs, Ex, IEC, IECEx.



Ordering Information & Technical Specifications

Square body design, insert straight in T-slot, screw 1/4 turn

Output, Function, Cable & Supply Voltage	Order Code	
With flying leads, PUR cable IP67	3 metre	10 metre
Electronic PNP-NC, with LED, 3-wire, 10-30 V DC	P8SAGQFAX	P8SAGQFDX
Electronic PNP-NO, with LED, 3-wire, 10-30 V DC	P8SAGPFAX	P8SAGPFDX
Electronic NPN-NC, with LED, 3-wire, 10-30 V DC	P8SAGMFAX	P8SAGMFDX
Electronic NPN-NO, with LED, 3-wire, 10-30 V DC	P8SAGNFAX	P8SAGNFDX
Electric Reed-NO, with LED, 3-wire, 5-30 V AC/DC	P8SAGSFAX	P8SAGSFDX
Electric Reed-NO, with LED, 2-wire, 5-30 V AC/DC	P8SAGRFX	
Electric Reed-NO, with LED, 2-wire, 5-230 V AC/DC		P8SAGRFDX2
Electric Reed-NC, No LED, 2-wire, 5-120 V AC/DC		P8SAGEFRX1
Electric Reed-NC, No LED, 2 wire, 5-30V AC/DC		P8SSAGEFRX
With flying leads, PVC cable IP67		
Electric Reed-NO, with LED, 3-wire, 5-30 V AC/DC	P8SAGSFLX	
Electric Reed-NO, with LED, 2-wire, 5-120 V AC/DC	P8SAGRFLX1	
Electric Reed-NO, with LED, 2-wire, 5-230 V AC/DC	P8SAGRFLX2	
Electronic PNP-NC, with LED, 3-wire, 10-30 V DC	P8SAGQFLX	
Electronic PNP-NO, with LED, 3-wire, 10-30 V DC	P8SAGPFLX	P8SAGPFTX
Electric Reed-NO, with LED, 2-wire, 5-120 V AC/DC		P8SAGRFTX1
Electric Reed-NO, with LED, 3-wire, 10-30 V AC/DC		P8SAGSFTX

Output, Function, Cable & Supply Voltage	Order Code
With M8 knurled screw, PUR cable IP67	0.3 metre
PNP-NC, with LED, 3-wire, 10-30 V DC	P8SAGQCHX
PNP-NO, with LED, 3-wire, 10-30 V DC	P8SAGPCHX
NPN-NC, with LED, 3-wire, 10-30 V DC	P8SAGMCHX
NPN-NO, with LED, 3-wire, 10-30 V DC	P8SAGNCHX
Reed-NO, with LED, 3-wire, 5-30 V AC/DC	P8SAGSCHX
Reed-NC, No LED, 2-wire, 5-30 V AC/DC	P8SAGECNX
Reed-NO, with LED, 2-wire, 5-30 V AC/DC	P8SAGRCHX

ATEX

PNP-NO, with LED, 3-wire, 3 metre, 10-26 V DC, PUR	P8SAGPFAXS
NAMUR-NO, with LED, 2-wire, 5 metre, 8.2-20 V DC, PVC	P8SAGDFMXW
NAMUR-NO, with LED, 2-wire, 10 metre, 8.2-20 V DC, PVC	P8SAGDFTXW

Note: All sensors are supplied with an adaptor for S-dovetail Parker type OSP grooves.

P8S continuous position sensors

- Analogue or IO-Link function

	Order Code	
	Analogue	IO-Link
32 mm	P8SAGACHA	P8SAGHMHA
64 mm	P8SAGACHB	P8SAGHMH
128 mm	P8SAGACHD	P8SAGHMHD
192 mm	P8SAGACHF	P8SAGHMHF
256 mm	P8SAGACHH	P8SAGHMH

Note: PUR cable with M12 (IO-Link) or M8 (Analogue), 4-pin, 0.3 meter length.

Mountings



For products series	Order Code
P1F-T Tie rods, VRS/VRA	P8S-TMA0X
OSPP Rodless T-Slot D10mm	8872FIL
P1A-S/P1S-S Round cylinder D10-25mm	P8S-TMC01
P1S Round cylinder D32-63mm	P8S-TMC02
OSPP/OSPL S-Dovetail, pack of 10 plastic adaptors	P8S-TMA09

Leadtime:

Yellow highlighted part numbers are on stock at EDC.



Product page



Catalogue

INDUSTRIAL AC DRIVES

AC Variable Frequency Drives, kW Rated – Series AC15

The AC15 compact drive is a simple to use, reliable and economical solution for every-day motor control applications that require speed or torque control in the power range of 0.37 kW to 30 kW. Standard features include Safe Torque Off, Ethernet communications, sensorless vector mode for control of both Permanent Magnet (PMAC) and AC induction motors and a full 150 % overload for 1 minute. AC15 provides an optimized solution for OEM machine builders looking for a compact, cost-effective drive without compromising on performance.



Ordering Information & Technical Specifications

AC15 Series	Compact Drive			
Single Phase 230V AC	15G-11-0025-BF	15G-11-0045-BF	15G-11-0070-BF	15G-12-0100-BF
	0.37kW (2.5A)	0.75kW (4.5A)	1.5kW (7A)	2.2kW (10A)
Three Phase 230V AC	15G-31-0025-BF	15G-31-0045-BF	15G-31-0070-BF	15G-32-0100-BF
	0.37kW (2.5A)	0.75kW (4.5A)	1.5kW (7A)	2.2kW (10A)
	15G-33-0170-BF	15G-34-0210-BF	15G-35-0300-BF	15G-35-0400-BF
	4.0kW (17A)	5.5kW (21A)	7.5kW (30A)	11kW (40A)
Three Phase 380-480V AC	15G-41-0012-BF	15G-41-0020-BF	15G-41-0040-BF	15G-42-0065-BF
	0.37kW (1.5A)	0.75kW (2A)	1.5kW (4A)	2.2kW (6.5A)
	15G-42-0090-BF	15G-43-0120-BF	15G-43-0170-BF	15G-44-0230-BF
	4.0kW (9A)	5.5kW (12A)	7.5kW (17A)	11kW (23A)
	15G-44-0320-BF	15G-45-0380-BF	15G-45-0440-BF	15G-45-0600-BF
	15kW (32A)	18.5kW (38A)	22kW (44A)	30kW (60A)
EMC Filter	BF			
	Category C3 Filter Fitted			

Leadtime:

- Yellow highlighted part numbers 1 working day
- Green highlighted part numbers 5 working days
- Blue highlighted part numbers 15 working days



Product page



Catalogue

INDUSTRIAL AC DRIVES

AC Variable Frequency Drives, kW Rated – Series AC20

The AC20 advanced compact drive builds on the performance of the AC15 and extends the power range to 180 kW. Its compact dimensions house many features normally only associated with system drives and may be enhanced with encoder feedback and IO expansion option cards. Safe Torque Off and onboard Ethernet that supports major industrial Ethernet protocols, including ProfiNet and ethernet IP, are standard. Programming and commissioning is made simple through its easy-to-use integrated keypad and the DSElite programming tool.



Ordering Information & Technical Specifications

AC20 Series	Compact Performance Drive			
Single Phase 230V AC	20G-12-0070-BF	20G-12-0100-BF		
	1.5kW (7A)	2.2kW (10A)		
Three Phase 230V AC	20G-32-0070-BF	20G-32-0100-BF	20G-33-0170-BF	20G-34-0210-BF
	1.5kW (7A)	2.2kW (10A)	4.0kW (17A)	5.5kW (21A)
	20G-35-0300-BF	20G-35-0400-BF		
	7.5kW (30A)	11kW (40A)		
Three Phase 380-480V AC	20G-42-0040-BF	20G-42-0065-BF	20G-42-0090-BF	20G-43-0120-BF
	1.5kW (4A)	2.2kW (6.5A)	4.0kW (9A)	5.5kW (12A)
	20G-43-0170-BF	20G-44-0230-BF	20G-44-0320-BF	20G-45-0380-BF
	7.5kW (17A)	11kW (23A)	15kW (32A)	18.5kW (38A)
	20G-45-0440-BF	20G-45-0600-BF	20G-46-0750-BF	20G-46-0900-BF
	22kW (44A)	30kW (60A)	37kW (75A)	45kW (90A)
	20G-47-1100-BF	20G-47-1500-BF	20G-48-1800-BF	20G-48-2200-BF
	55kW (110A)	75kW (150A)	90kW (180A)	110kW (220A)
	20G-48-2650-BF	20G-49-3200-BF	20G-410-3600-BF	
	132kW (265A)	160kW (320A)	180kW (360A)	
EMC Filter	BF			
	Category C3 Filter Fitted			

AC20 Series		Compact Performance Drive		
Options				
IO and Feedback	7004-01-00		7004-04-00	
	General Purpose I/O		Pulse Encoder	
	4x Digital Input/Output		250 kHz HTTL	
	2x Analogue Input		5/12/15/24 V Output	
	2x Relay Output		Quadrature/Clock Inputs	
	1x Thermistor Input		1x Thermistor Input	
Communications	7003-PB-00	7003-CB-00	7003-PN-00	7003-IP-00
	Profibus DP	CANopen	Profinet IO	Ethernet IP
Leadtime: - Yellow highlighted part numbers 1 working day - Green highlighted part numbers 5 working days - Blue highlighted part numbers 15 working days	32 Devices/Segment	DS301 V4.02	100 Mb/s full duplex	10/100 Mb/s full/half duplex
	126 Max Devices	127 Max Devices	Unlimited Devices	Unlimited Devices
	Up to 152 bytes cyclic I/O	1 Mb/s Max Auto Detected SDO, PDO, NMT, SYNC	256 bytes of cyclic I/O	256 bytes of cyclic I/O
				CIP parameter Support
	7003-RS-00	7003-EC-00		
	RS485 Modbus RTU	EtherCAT		
	1200 to 115 200 bits/s	CANopen over EtherCAT		
	247 Max Devices	100 Mb/s		
	256 bytes of cyclic I/O	65534 Max Devices		
		SDO, PDO, NMT, SYNC		
				

Leadtime:

- Yellow highlighted part numbers
1 working day
- Green highlighted part numbers
5 working days
- Blue highlighted part numbers
15 working days



Product page



Catalogue

INDUSTRIAL AC DRIVES

AC Variable Frequency Drives, kW Rated – Series AC30

The AC30 is a modular product allowing users to select power stack, control module, IO and communications modules to perfectly match the requirements of the application, making it a highly customisable yet cost effective solution. The four interchangeable control modules provide the basis for the series: The versatile AC30V control module, the AC30P module with a host of advanced connectivity options, the AC30D module which adds dual encoder system capability and the AC30A module for use with EnDAT 2.1 compatible sin/cos encoders.

Four easy steps:

- 1) Select Power Module
- 2) Select Control Module
- 3) Select Comms & I/O Options
- 4) Choose Keypad



Ordering Information & Technical Specifications

AC30 Series

Power Modules 380 - 480 V AC

Power Module	710-4D0004-Bx-0S-0000	710-4D0006-Bx-0S-0000	710-4D0010-Bx-0S-0000	710-4D0012-Bx-0S-0000
	4A (1.1 kW/0.75 kW)	6A (2.2 kW/1.5 kW)	10A (4 kW/3 kW)	12A (5.5 kW/4 kW)
	710-4E0016-Bx-0S-0000	710-4E0023-Bx-0S-0000		
	7.5 kW/5.5 kW (16A)	11 kW/7.5 kW (23 A)		
	710-4F0032-Bx-0S-0000	710-4F0038-Bx-0S-0000		
	32A (15 kW/11 kW)	38A (18.5 kW/15 kW)		
	710-4G0045-Bx-0S-0000	710-4G0060-Bx-0S-0000	710-4G0073-Bx-0S-0000	
	45A (22 kW/18.5 kW)	60A (30 kW/22 kW)	73A (37 kW/30 W)	
	710-4H0087-Bx-0S-0000	710-4H0105-Bx-0S-0000	710-4H0145-Bx-0S-0000	
	87A (45 kW/37 kW)	105A (55 kW/45 kW)	145A (75 kW/55 kW)	
	710-4J0180-Bx-0S-0000	710-4J0205-Bx-0S-0000	710-4J0260-Bx-0S-0000	
	180A (90 kW/75 kW)	205A (110 kW/90 kW)	260A (132 kW/110 kW)	
	710-4K0315-BE-0S-0000	710-4K0380-BE-0S-0000	710-4K0440-BE-0S-0000	
	315A (160 kW/132 kW)	380A (200 kW/160 kW)	440A (250 kW/200 kW)	
	710-4L0530-NE-0S-0000	710-4L0590-NE-0S-0000		
	530A (280 kW/250 kW)	205A (315 kW/280 kW)		
	710-4M0650-NE-0S-0000	710-4M0700-NE-0S-0000	710-4N0790-NE-0S-0000	
	650A (355 kW/315 kW)	700A (400 kW/355 kW)	790A (450 kW/400 kW)	

Options

EMC Filter	x= N	x= E	x= F
	No EMC Filter Fitted	Category C3 Filter Fitted	Category C2 Filter Fitted
	Note - C2 Filter not available on Frame J, K, L, M or N (>75 kW)		
	Note - Removable C3 Filter fitted on all Frame K,L,M and N (>160 kW)		
	Note - Brake switch (BE option) not available on Frames L,M and N (>250 kW)		



Leadtime:

- Yellow highlighted part numbers 10 working days
- Green highlighted part numbers 15 working days

AC30 Series		Control Modules			
					
2	Control Module	30V-2S-0000 Versatile Graphical Keypad Fitted Codesys Programmable Application Macros Modbus TCP/IP Onboard	30P-2S-0000 Performance Graphical Keypad Fitted As 30V Versatile: +Ethernet IP Onboard +Profinet Onboard +1588 peer-peer +Speed/Phase Locking +System Applications	30D-2S-0000 Dual Encoder Graphical Keypad Fitted As 30P Performance: +2x Encoder Fbk Onboard	30A-2S-0000 Sin/Cos Absolute Graphical Keypad Fitted As 30P Performance: +EnDat Fbk Onboard
Options					
3	IO and Feedback	7004-01-00 General Purpose I/O 4x Digital Input/Output 2x Analogue Input 2x Relay Output 1x Thermistor Input	7004-02-00 Thermistor Input 1x Thermistor Input	7004-04-00 Pulse Encoder 250 kHz HTTL 5/12/15/24V Output Quadrature/Clock Inputs 1x Thermistor Input	7004-05-00 Resolver 12-16 Bit Resolution +/- 24 V Peak Differential 4-12V 2-20 kHz Carrier 1x Thermistor Input
Communications		7003-PB-00 Profibus DP 32 Devices/Segment 126 Max Devices Up to 152 bytes cyclic I/O	7003-CB-00 CANopen DS301 V4.02 127 Max Devices 1Mbs Max - Auto Detected SDO, PDO, NMT, SYNC	7003-PN-00 Profinet IO 100 Mbits/s full duplex Unlimited Devices 256 bytes of cyclic I/O	7003-IP-00 Ethernet IP 10/100 Mbs full/half duplex Unlimited Devices 256 bytes of cyclic I/O CIP parameter Support
		7003-RS-00 RS485 Modbus RTU 1200 to 115 200 bits/s 247 Max Devices 256 bytes of cyclic I/O	7003-EC-00 EtherCAT CANopen over EtherCAT 100 Mbits/s 65534 Max Devices SDO, PDO, NMT, SYNC		
4	AC30 Keypad	7001-00-00 Graphical Keypad	7001-01-00 Blanking Plate	LA501991U300-1 3M Remote Mount Kit	

Leadtime:

- Yellow highlighted part numbers 10 working days
- Green highlighted part numbers 15 working days



Product page



Catalogue

AC30 Series

Complete Drive (31V) 380-480 V AC



AC Inverter Drive	31V-4D0004-Bx-2S-0000	31V-4D0006-Bx-2S-0000	31V-4D0010-Bx-2S-0000	31V-4D0012-Bx-2S-0000
	1.1 kW/0.75 kW (4A)	2.2 kW/1.5 kW (6A)	4 kW/3 kW (10A)	5.5 kW/4 kW (12A)
	31V-4E0016-Bx-2S-0000	31V-4E0023-Bx-2S-0000		
	7.5 kW/5.5 kW (16A)	11 kW/7.5 kW (23A)		
	31V-4F0032-Bx-2S-0000	31V-4F0038-Bx-2S-0000		
	15 kW/11 kW (32A)	18.5 kW/15 kW (38A)		
	31V-4G0045-Bx-2S-0000	31V-4G0060-Bx-2S-0000	31V-4G0073-Bx-2S-0000	
	22 kW/18.5 kW (45A)	30 kW/22 kW (60A)	37 kW/30 kW (73A)	
	31V-4H0087-Bx-2S-0000	31V-4H0105-Bx-2S-0000	31V-4H0145-Bx-2S-0000	
	45 kW/37 kW (87A)	55 kW/45 kW (105A)	75 kW/55 kW (145A)	
	31V-4J0180-Bx-2S-0000	31V-4J0205-Bx-2S-0000	31V-4J0260-Bx-2S-0000	
	90 kW/75 kW (180A)	110 kW/90 kW (205A)	132 kW/110 kW (260A)	

Options

EMC Filter	x= N	x= E	x= F
	No EMC Filter Fitted	Category C3 Filter Fitted	Category C2 Filter Fitted
	Note - C2 Filter not available on Frame J (>75 kW) AC30		

IO and Feedback	7004-01-00	7004-02-00	7004-04-00	7004-05-00
	General Purpose I/O	Thermistor Input	Pulse Encoder	Resolver
	4x Digital Input/Output	1x Thermistor Input	250kHz HTTL	12-16 Bit Resolution
	2x Analogue Input		5/12/15/24 V Output	+/- 24 V Peak Differential
	2x Relay Output		Quadrature/Clock Inputs	4-12 V 2-20 kHz Carrier
	1x Thermistor Input		1x Thermistor Input	1x Thermistor Input
Communications	7003-PB-00	7003-CB-00	7003-PN-00	7003-IP-00
	Profibus DP	CANopen	Profinet IO	Ethernet IP
	32 Devices/Segment	DS301 V4.02	100 Mb/s full duplex	10/100 Mb/s full/half duplex
	126 Max Devices	127 Max Devices	Unlimited Devices	Unlimited Devices
	Up to 152 bytes cyclic I/O	1Mb/s Max - Auto Detected	256 bytes of cyclic I/O	256 bytes of cyclic I/O
		SDO, PDO, NMT, SYNC		CIP parameter Support
	7003-RS-00	7003-EC-00		
	RS485 Modbus RTU	EtherCAT		
	1200 to 115 200 bits/s	CANopen over EtherCAT		
	247 Max Devices	100 Mb/s		
	256 bytes of cyclic I/O	65534 Max Devices		
		SDO, PDO, NMT, SYNC		

Leadtime:

- Yellow highlighted part numbers 10 working days
- Green highlighted part numbers 15 working days



Product page



Catalogue

INDUSTRIAL SERVO DRIVES

Single-Axis & Multi-Axis Servo Drives – Series PSD1

PSD1 is the global parker servo drive family, available with different current ratings from 2 to 30 A and two form factors. Today the offering contains

- PSD1-S: A standalone drive which can be connected directly to the mains supply. With its compact housing, it is particularly suitable for small machines.
- PSD1-M: A multi-axis servo system which can operate up to three servo motors. The base configuration consists of a PSD1M power supply module and multiple PSD1M axis modules, connected through DC bus bars. The axis modules are available as single, twin or triple axis versions, making the system highly flexible.



Ordering Information & Technical Specifications

PSD Series		PSD1S - Standalone Servo Drive - 1x/3x 230V AC ±10% input voltage		
PSD1SW...				
Power Level	1200...	1300...	1400...	
	2A (0.64 kW) continuous output	5A (1.6 kW) continuous output	7.5A (2.5 kW) continuous output	
Technology	Basic	Programmable		
	To be used as slave on various field busses communicating via state machines	- Fully programmable via IEC 61131-3 - Full set of programming languages and a complete set of unction blocks incl. DS402 and Profidrive state machine - PLCopen function modules		
Interface	EtherCAT	Multi-Fieldbus	CANopen	
		- Profinet - Ethernet IP - EtherCAT		
Feedback	DSL Hiperface	Multi-Feedback		
		- Resolver - TTL Encoder - 1 Vpp Encoder - Analog Hall - DSL Hiperface		
Options	FSoE	1x I/O option	2x I/O option	No option
	- Safety over EtherCAT - Extended safety functions (SLS, SOS, SS1, SS2,...)	- 8x Digital I/Os (additional) - 4x Analog Inputs - 1x Encoder Interface	- 16x Digital I/Os (additional) - 8x Analog Inputs - 2x Encoder Interfaces	

Leadtime:
10 working days for standalone drives and 20 working days for multi-axis drives.



Product page



Catalogue

PSD Series PSD1M - Multi-axis Servo System - 3x 230-480 V AC ±10 % input voltage					
PSD1MW...					
Power Supply Modules	...P01000000000		...P02000000000		
	10kVA Rating / 325-680VDC output		20kVA Rating / 325-680VDC output		
Single Axis Module	...1300...		...1400...	...1600...	...1800...
325-680 VDC input	5 A continuous output (3 kW)		8 A continuous output (4.8 kW)	15 A continuous output (9 kW)	30 A continuous output (18 kW)
					
Twin Axis Module	...2220...		...2330...	...2440...	...2440...
325-680 VDC input	2 A + 2 A continuous output (1.2 kW + 1.2 kW)		5 A + 5 A continuous output (3 kW + 3 kW)	8 A + 8 A continuous output (4.8 kW + 4.8 kW)	8 A + 8 A continuous output (4.8 kW + 4.8 kW)
					
Triple Axis Module	...3222...		...3433...		
325-680 VDC input	2 A + 2 A + 2 A continuous output (1.2 kW + 1.2 kW + 1.2 kW)		8 A + 5 A + 5 A continuous output (4.8 kW + 3 kW + 3 kW)		
Technology	Basic		Programmable		
	To be used as slave on various field busses communicating via state machines		- Fully programmable via IEC 61131-3 - Full set of programming languages and a complete set of unction blocks incl. DS402 and Profidrive state machine - PLCopen function modules		
Interface	EtherCAT		Multi-Fieldbus	CANopen	
			- Profinet - Ethernet IP - EtherCAT		
Feedback	DSL Hiperface		Multi-Feedback		
			- Resolver - TTL Encoder - 1 Vpp Encoder - Analog Hall - DSL Hiperface		
Options	FSoE		1x I/O option	2x I/O option	No option
	- Safety over EtherCAT - Extended safety functions (SLS, SOS, SS1, SS2,...)		- 8x Digital I/Os (additional) - 4x Analog Inputs - 1x Encoder Interface	- 16x Digital I/Os (additional) - 8x Analog Inputs - 2x Encoder Interfaces	

Leadtime:
10 days for standalone drives and 20 days for multi-axis drives.



Product page



Catalogue

CONTROLLERS

Parker Motion Controller – Series PAC

The EtherCAT-based Parker motion controller is a powerful and integrated solution for the global machine market. It helps OEMs create efficient and high-performance control systems. The controller combines machine logic, signal processing, and high-speed motion control into a standardized, performance-driven, fanless, and easily mountable DIN rail solution.

Equipped with a built-in real-time EtherCAT bus, a modular interface slot, standard Ethernet and USB ports, and an SD card slot, the controller supports fieldbus options like Profinet Slave, EtherCAT, or EtherNet/IP, making it easy to integrate for various applications.

Programmed with CODESYS, efficient and powerful control systems can be designed based on IEC61131-3 and PLCopen motion standards. With the integrated OPC UA server, the controller is ideal for Industry 4.0 communication.



Ordering Information & Technical Specifications

Motion Controller	PAC340-MWB11-3X-00-01	PAC340-CWB11-3X-00-01		
	Softmotion	Softmotion + CNC		
I/O Modules	PACIO-400-00	PACIO-400-02		
	EtherCAT Bus coupler, 3 A	Extender 2 Port		
	PACIO-441-51	PACIO-441-52	PACIO-442-52	
	4x Analog Input	4(8)x Analog Input	4x Analog Output	
	Current	Voltage	Current / Voltage	
	12 Bit CoE	13 Bit CoE	16 Bit CoE	
	PACIO-443-57	PACIO-443-58		
	4x Analog Input	8x Analog Input		
	Temperature Pt/Ni/Thermo	Temperature Pt/Ni/Thermo		
	16 Bit CoE	16 Bit CoE		
	PACIO-450-02	PACIO-450-03	PACIO-450-05	
	16x Digital Input	16x Digital Input	8x Digital Input	
	8x Digital Output	16x Digital Output	8x Digital Output	
	1 ms delay / 1 A	1 ms delay / 0.5 A	1 ms delay / 0.5 A	
	PACIO-451-02	PACIO-451-03	PACIO-452-01	PACIO-452-02
	32x Digital Input	16x Digital Input	16x Digital Output	8x Digital Output
	1 ms delay	1ms delay	0.5 A	1 A
	PACIO-454-01			
	Counter/Encoder			
	PACIO-412-01	PACIO-412-02		
	Shield 2x 8 mm	Shield 14 mm		

Leadtime:
30 working days.



Product page



Catalogue

CONTROLLERS

Safety Modules

Safety PLC is a module intended to be integrated in EtherCAT networks with Parker motion controllers. Acting as the Functional Safety over EtherCAT master, it is able to address any FSoE slave including safety I/Os, motion controllers and other FSoE devices. The safety PLC meets the requirements of IEC 61508 SIL3 and DIN EN ISO 13849 PL_e. Programming is carried out via the CODESYS environment of the main controller and the EtherCAT link.



Ordering Information & Technical Specifications

FSoE Modules	694.330.00	694.430.00	694.430.10	694.430.20
Safety PLC		4x Safe Digital Input	8x Safe Digital Input	16x Safe Digital Input
FSoE Master		2x Safe Digital Output (2 A)	2x Safe Digital Output (0.5 A)	4x Safe Digital Output (0.5 A)

Parker Touchpanel – PACTL Series

The PACTL series devices are high-quality input devices with a display, designed for connection to a machine or control system. They display either the CODESYS web visualization or the CODESYS target visualization, regardless of whether the visualization source is a Parker PLC or another CODESYS controller. The connection point for all external connections is located on the underside of the devices. These devices are designed for installation in a pre-cut mounting area on a flat surface. All connectors are plug-in.



Ordering Information & Technical Specifications

Touchpanels	PACTL-C070	PACTL-C101	PACTL-C156
Display diagonal	7"	10.1"	15.6"
Resolution	800 x 480 pixels	1280 x 800 pixels	1920 x 1080 pixels
CPU	Raspberry Pi CM4 (1.5GHz quad core)		
Data storage (RAM)	1 GB to 8 GB		
Dimensions (WxHxD)	207.5 x 146.5 x 69.3 mm	262 x 186 x 69.3 mm	403.7 x 253.1 x 69.8 mm
Weight	0.82 kg	1.04 kg	2.18 kg
Operating temperature	-10 °C to 55°C		
Relative humidity	max. 85 %, non-condensing		
Installation	Control cabinet installation using clamping bracket, Optional VESA mount		
Certification	CE, UKCA in preparation: FCC,UL		
Touch operation	Capacitive, single touch		
Visualization	VNC client, web client (HTML5)		
Real-time clock	Yes, (buffer time > 30 days), accuracy +-7 ppm		
Power Supply	+24 VDC (-15 % / +20 %) SELV max. AC voltage component 5 %		
Current consumption	max. 0.25A at +24 VDC	max. 0.55A at +24 VDC	max. 0.75A at +24 VDC
Ethernet interface	1x RJ45 (10/100/1000 Base)		
USB interface	2x host USB 2.0 / USB connector type A		

Leadtime:
30 working days.



Product page



Catalogue

ELECTRIC SERVO MOTORS

Low-Inertia Brushless Servo Motors – Series SMH

Thanks to the innovative “salient pole” technology, the SMH motor’s dimensions are considerably reduced with significant advantages in terms of torque and dynamic performance. Compared to traditional-technology brushless servo motors, the specific torque is approximately 30 % higher, overall dimensions are considerably reduced and, consequently rotor inertias are extremely low. Thanks to the high quality magnets, and also the encapsulation method used to fasten them to the shaft, the SMH/B motors can achieve very high acceleration and withstand high overloads without risk of demagnetisation or detachment of the magnets.



Ordering Information & Technical Specifications

SMH Series	Servo motors						
Flange	40 mm	60 mm	82 mm	100 mm	115 mm	142 mm	170 mm
Motor Size	SMH4060...	SMH6016...	SMH8210...	SMH10016...	SMH11516...	SMH14210...	SMH17010...
	230 VAC	230 VAC	230 VAC	230 VAC	230 VAC	400 VAC	230/400 VAC
	0.16/0.27 Nm	1.4 Nm	2.9 Nm	5.8 Nm	9 Nm	16.4 Nm	30/53 Nm
	6000 rpm	1600 rpm	1000 rpm	1600 rpm	1600 rpm	1000 rpm	1000/1100 rpm
		SMH6030...	SMH8216...	SMH10030...	SMH11520...	SMH14218...	SMH17016...
		230/400 VAC	230 VAC	230/400 VAC	400 VAC	230/400 VAC	230 VAC
		1.2 Nm	2.9 Nm	5 Nm	9 Nm	13 Nm	28 Nm
		3000 rpm	1600 rpm	3000 rpm	2000 rpm	1800/2000 rpm	2200/3900 rpm
		SMH6045...	SMH8230...	SMH10045...	SMH11530...	SMH14230...	SMH17020...
		230/400 VAC	230/400 VAC	230/400 VAC	230/400 VAC	230/400 VAC	400 VAC
		1 Nm	2.7 Nm	3.5 Nm	8 Nm	14 Nm	27/44 Nm
		4500 rpm	3000 rpm	4500 rpm	3000 rpm	3000 rpm	2200/3900 rpm
		SMH6060...	SMH8233...	SMH10055...	SMH11540...	SMH14245...	SMH17025...
		230/400 VAC	230 VAC	230/400 VAC	230/400 VAC	400 VAC	230/400 VAC
		0.8 Nm	2.4 Nm	2.6 Nm	7.6 Nm	10.9 Nm	26 Nm
		6000 rpm	3300 rpm	5500 rpm	4000 rpm	4500 rpm	2500/2700 rpm
		SMH6075...	SMH8245...	SMH10075...	SMH11554...	SMH14256...	SMH17030...
		230/400 VAC	230/400 VAC	230/400 VAC	230/400 VAC	400 VAC	400 VAC
		0.15 Nm	2.2 Nm	0.6 Nm	7.1 Nm	10.6 Nm	19/30 Nm
		7500 rpm	4500 rpm	7500 rpm	5400/5600 rpm	5600 rpm	3000 rpm
			SMH8256...				
			400 VAC				
			1.6 Nm				
			5600 rpm				
			SMH8260...				
			230/400 VAC				
			1.5 Nm				
			6000 rpm				
			SMH8275...				
			230/400 VAC				
			0.6 Nm				
			7500 rpm				
Brake	0.4 Nm	2.2 Nm	4.5 Nm	9 Nm	22 Nm	72 Nm	
Sensor	Resolver	Hall sensors	Hiperface encoder	DSL hiperface encoder	Endat encoder		
	2 pole pairs	2000 to 5000 ppr	Single/multi turn	Single/multi turn	Multi turn		
			12 bits / 12 bits rev.	18 bits / 12 bits rev.	13 - 18 bits		
Shaft End	Additional inertia						
	From 12 Kgmm ² to 1600 Kgmm ²						
Conformance	CE	UL					

Leadtime:
25 working days.



Product page



Catalogue

ELECTRIC SERVO MOTORS

General Purpose Brushless Servo Motors – Series MH

Adequate mechanical over-sizing, low inertia in an extra-strong mechanism, and a broad range of models permits the application of the MH/B servo motors in all fields where high dynamic performance and utmost reliability are crucial features. Typical applications include any type of automated machinery, especially in the product packaging and handling industry, and wherever the demand exists for axis speed and position synchronisation.



Ordering Information & Technical Specifications

MH Series	Servo motors			
Flange	145 mm		205 mm	265 mm
Motor Size	MH14505...	MH20505...	MH26510...	
	230 VAC	230 VAC	400 VAC	
	4.5 to 28 Nm	28 to 90 Nm	75 to 285 Nm	
	550 rpm	550 rpm	1000 rpm	
	MH11510...	MH20510...	MH26518...	
	230-400 VAC	230-400 VAC	400 VAC	
	4.5 to 28 Nm	15 to 90 Nm	75 to 285 Nm	
	1000/1100 rpm	1000/1150 rpm	1800/2000 rpm	
	MH11516...	MH20517...	MH26528...	
	230 VAC	230-400 VAC	400 VAC	
	4.5 to 28 Nm	14 Nm	75 to 150 Nm	
	1600 rpm	1700/2000 rpm	2800 rpm	
	MH11520...	MH20520...		
	400 VAC	400 VAC		
	4.5 to 28 Nm	15 to 90 Nm		
	2000 rpm	2000 rpm		
	MH11525...	MH20530...		
	230 VAC	400 VAC		
	4.5 to 28 Nm	15 to 90 Nm		
	2500 rpm	3000 rpm		
	MH11530...			
	400 VAC			
	4.5 to 28 Nm			
	3000 rpm			
	MH11540...			
	230 VAC			
	4.5 to 28 Nm			
	4000 rpm			
	MH11545...			
	400 VAC			
	4.5 to 28 Nm			
	4500 rpm			
Brake	4 to 28 Nm	120 Nm	225 Nm	
Sensor	Resolver	Hall sensors	Hiperface encoder	Endat encoder
	2 pole pairs	2000 to 5000 ppr	Single/multi turn	Multi turn
			12 bits / 12 bits rev.	13 - 18 bits
Shaft End	Additional inertia			
	From 790 Kgmm² to 4400 Kgmm²			
Conformance	CE			
Fan Version	Contact Parker for forced ventilation information			

Leadtime:
25 working days.



Leadtime:
25 working days.



Product page



Catalogue

ELECTRIC SERVO MOTORS

Explosion Proof (ATEX Zone 1) Brushless Servo Motors – Series EX

EX series is a range of permanent magnet servo motors designed for use in zone 1 explosive atmospheres. Featuring robust explosion-proof housings, EX motors are capable of bearing internal explosions with no risk of propagation to the neighbouring environment.

EX servomotors are characterized by excellent motion quality, great acceleration /deceleration capabilities, and high torque output over a wide speed range. Various winding variants and numerous options are available to offer maximum flexibility.



Ordering Information & Technical Specifications

EX Series	Servomotors for Explosive atmosphere Zone 1			
	Flange 70 mm	Flange 92 mm	Flange 120 mm	Flange 155 mm
Motor Size	EX310...	EX420...	EX620...	EX820...
	230/400 VAC	230/400 VAC	230/400 VAC	230/400 VAC
	1.5/1.23 Nm	3.2/3.3 Nm	6.6/6 Nm	11.2/7.5 Nm
	4000/6800 rpm	4000/6000 rpm	2200/3900 rpm	2200/3600 rpm
	EX430...	EX630...	EX840...	
	230/400 VAC	230/400 VAC	230/400 VAC	
	4.2/3.3 Nm	9.4/7.8 Nm	15.8/2.9 Nm	
	4000 rpm	2300/4000 rpm	2200/3300 rpm	
				EX860...
				230/400 VAC
				25.4/9 Nm
				1450/2500 rpm
Brake	2 Nm	5.5 Nm	12 Nm	36 Nm
Sensor	Hiperface SKS36/SKM36	Hiperface DSL EKS36/EKM36	Resolver	No feedback
	Single multi/turn	Single multi/turn	2 pole pairs	
	12 bits / 12bits revolution	18 bits / 12 bits revolution		
Shaft End	Key shaft	Smooth shaft		
Conformance	ATEX/IECEx	KOSHA	CCC	

Leadtime:
40 working days.



Product page

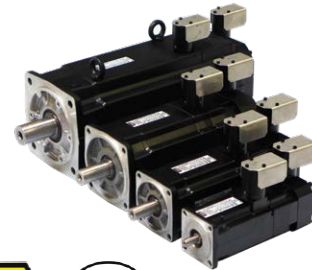


Catalogue

ELECTRIC SERVO MOTORS

Explosion Proof (ATEX Zone 2) Brushless Servo Motors – Series EY

The EY series is a range of permanent magnet explosion-proof brushless servo motors designed for use in explosive atmospheres in zone 2 for gas and dust at 40 °C or 60 °C ambient temperature. The EY series of servo motors are characterized by excellent motion quality, dynamic acceleration/deceleration capabilities and high torque output over a wide speed range. Various winding variants and numerous options are available to offer maximum flexibility. This range is in accordance with European (CE) and International safety standards.



Ordering Information & Technical Specifications

EY Series	Servomotors for Explosive atmosphere Zone 2			
	Flange 70 mm	Flange 92 mm	Flange 120 mm	Flange 155 mm
Motor Size	EY310...	EY420...	EY620...	EY820...
	230/400 VAC	230/400 VAC	230/400 VAC	230/400 VAC
	1.89/1.71 Nm	3.78/3.38 Nm	7.85/7.52 Nm	14.5/12.9 Nm
	4000/6000 rpm	4000/5000 rpm	2200/3900 rpm	2200/3900 rpm
		EY430...	EY630...	EY840...
		230/400 VAC	230/400 VAC	230/400 VAC
		5/4.1 Nm	11.3/10 Nm	23.5/18.6 Nm
		4000-5000 rpm	2300-4000 rpm	2000/3500 rpm
				EY860...
				230/400 VAC
				34.4/23 Nm
				1450/2600 rpm
Brake	2 Nm	5.5 Nm	12 Nm	36 Nm
Sensor	No feedback	Resolver		
		2 pole pairs		
		12-16 Bit Resolution		
Shaft End	Key shaft	Smooth shaft		
Conformance	ATEX	CCC		

Leadtime:
40 working days.



Product page



Catalogue

ELECTRIC FRAMELESS MOTORS

Frameless Low Cogging Servo Motors – Series NK

NK Series servo motors are an innovative direct drive solution designed for industrial applications. NK Series brushless servomotors combine exceptionally precise, quality motion and high dynamic performance with a compact footprint, allowing complete integration into a mechanical system. NK motors are suited to applications where constant speed is needed due to their low cogging characteristic. Support with customisation and integration is possible on request.



Ordering Information & Technical Specifications

NK Series	Kit Servo Motors			
Diameter	62 mm	80 mm	111 mm	143 mm
Motor Size	NK310...	NK420...	NK620...	NK820...
	230/400 VAC	230/400 VAC	230/400 VAC	230/400 VAC
	1.8/1.65 Nm	3.53/3.14 Nm	7.42/7.52 Nm	13.2/14.7 Nm
	6000 rpm	4000 rpm	4000-5700 rpm	3600/3900 rpm
		NK430...	NK630...	NK840...
		230/400 VAC	230/400 VAC	230/400 VAC
		4.68/4.77Nm	10.7/10.8 Nm	22.9/23.2 Nm
		4000	4000 rpm	2200/3500 rpm
				NK860...
				230/400 VAC
				32.8/27.5 Nm
				2600 rpm
Sensor	Hiperface SKS36/SKM36	Hiperface DSL EKS36/EKM36	Resolver	
	Single multi/turn	Single multi/turn	2 pole pairs	
	12 bits / 12bits revolution	18 bits / 12 bits revolution		
Thermal Sensor	PTC	KTY		
Cooling	Natural air cooling	Water/Oil cooling		
		Please consult Parker		
Conformance	CE			

Leadtime:
30 working days.



Product page



Catalogue

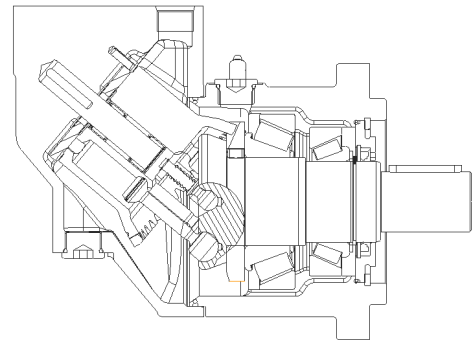
HYDRAULIC BENT AXIS MOTORS

Bent Axis Fixed Motors – Series F10

Parkers F10 hydraulic motor series are designed to be the most cost optimized solutions in applications with lower pressure demands. Sizes from 30 - 125 cc.

Technical Specifications

Body Material:	Cast iron
Configuration:	Single
Maximum Displacement:	125 cm ³ /rev
Operating Pressure:	up to 350 bar
Maximum Flow Rate:	388 l/min
For Fluid Type:	Standard hydraulic fluids
Media:	Hydraulic fluids
Maximum Operating Speed:	5400 rpm
Fluid Temperature:	-40 °C to 115 °C
Weight:	11.5 to 33 kg max.
Shaft Type:	Key shaft, spline, tapered
Shaft Size:	> 20 to 50 mm
Mounting Option:	ISO, SAE, cartridge
Port Type:	Flange, threaded
Port Connection:	ISO 6162-2
Port Location:	Rear ports
Direction of Rotation:	Clockwise, counterclockwise
Circuit Path:	Open, closed
Sensor Type:	Speed, rotation
Kinematic Viscosity:	37 SUS to 4664 SUS
Continuous Torque:	143 to 595 Nm



Ordering Information

Example:

F10	–	030	–	M	F	–	I	V	–	K	–		–	0000	–	P0
		Frame size		Function	Main ports		Mounting flange	Shaft seal		Shaft		Version number		Option		Option

Leadtime:
15 working days.



Product page



Catalogue

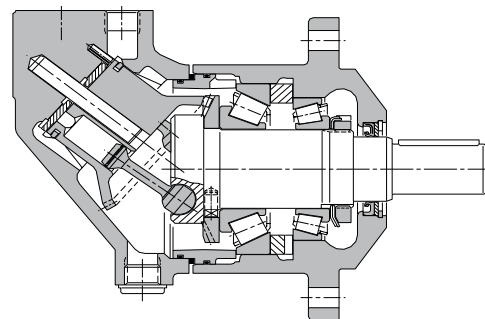
HYDRAULIC BENT AXIS MOTORS

Bent Axis Fixed Motors, Small Frame – Series F11

Parker F11 hydraulic motor series has operating pressures up to 420 bar (6,100 psi) and speeds up to 14,000 rpm. The F11 motor is a robust design motor, and can be used in numerous applications in both open and closed loop circuits. Sizes from 5 - 19 cc.

Technical Specifications

Body Material:	Cast Iron
Configuration:	Single
Maximum Displacement:	19 cm ³ /rev
Operating Pressure:	up to 420 bar
Maximum Flow Rate:	66.5 l/min
For Fluid Type:	Standard hydraulic fluids
Media:	Hydraulic fluids
Maximum Operating Speed:	14000 rpm
Fluid Temperature:	-40 °C to 115 °C
Weight:	11 kg
Shaft Type:	SAE, ISO
Mounting Option:	SAE, ISO, CETOP, cartridge
Port Type:	Straight threaded
Port Connection:	SAE, ISO, BSPP
Port Location:	Rear ports
Direction of Rotation:	Clockwise, counterclockwise, bi-rotational
Circuit Path:	Open
Sensor Type:	Speed, rotation
Maximum Noise Level:	80 dBA
Drain Option:	Yes
Filter Included:	No
Radial Load Capacity:	400 kg
Minimum Kinematic Viscosity:	8 cSt to 1000 cSt, 37.3 SUS to 4664 SUS
Thru-Drive Capability:	No
Energy Recovery Capability:	Yes
Charge Pump Included:	No



Ordering Information

Example:

F11	–	006	–	M	U	–	C	V	–	K	–		–	0000	–	00
		Frame size		Function	Main ports		Mounting flange	Shaft seal		Shaft		Version number		Option		Option

Leadtime:
15 working days.



Product page



Catalogue

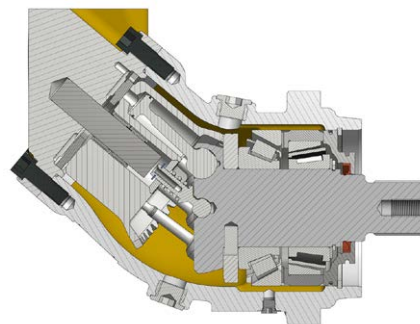
HYDRAULIC BENT AXIS MOTORS

Bent Axis Fixed Motors, Large Frame – Series F12

Parker F12 hydraulic motor series has operating pressures up to 500 bar (7,250 psi) and speeds up to 7,300 rpm. The F12 motor is a robust design motor, and can be used in numerous applications in both open and closed loop circuits. Sizes from 30 - 250 cc.

Technical Specifications

Body Material:	Cast iron
Configuration:	Single
Maximum Displacement:	242 cm ³ /rev
Operating Pressure:	up to 500 bar
Maximum Flow Rate:	363 l/min
For Fluid Type:	Standard hydraulic fluids
Media:	Hydraulic fluids
Maximum Operating Speed:	7300 rpm
Fluid Temperature:	-40 °C to 115 °C
Weight:	77 kg
Shaft Type:	SAE, ISO
Mounting Option:	SAE, ISO, CETOP, cartridge
Port Type:	Flange
Port Connection:	SAE, ISO, BSPP
Port Location:	Side ports, rear ports, opposing ports, Configurable
Direction of Rotation:	Clockwise, counterclockwise, bi-rotational
Circuit Path:	Open
Sensor Type:	Speed, rotation
Maximum Noise Level:	88 dBA
Drain Option:	Yes
Filter Included:	No
Radial Load Capacity:	1900 kg
Kinematic Viscosity:	8 cSt to 1000 cSt, 37.3 SUS to 4664 SUS
Thru-Drive Capability:	No
Energy Recovery Capability:	Yes
Charge Pump Included:	No



Ordering Information

Example:

F12	—	030	—	M	F	—	I	V	—	D	—		—	0000	—	00
		Frame size		Function	Main ports		Mounting flange	Shaft seal		Shaft		Version number		Option		Option

Leadtime:
15 working days.



Product page

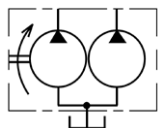


Catalogue

VANE PUMPS

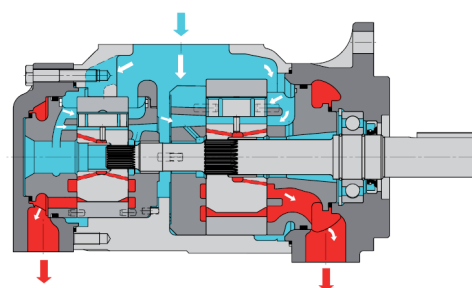
Variable Speed Vane Pump – Series T7

T7 variable speed vane pumps especially dedicated to provide an ideal solution for modern servo controlled machines.



Technical Specifications

Pump Type:	Vane, variable speed
Body Material:	Cast iron
Displacement:	5.8 to 137.5 cm ³ /rev
Configuration:	Double, single
Operating Pressure:	up to 300 bar depending on size,
For Fluid Type:	Standard hydraulic fluids
Operating Speed:	up to 3000 rpm
Weight:	9.5 to 26 kg
Port Size:	1-1/4 to 4 inch suction port, 3/4 to 1-1/4 inch pressure port
Direction of Rotation:	Clockwise, counterclockwise



Ordering Information

Example:

T7AS	–	E32	–	1	–	R	–	00	–	C	–	1	–	06	–	M
		Displace- ment		Type of shaft		Direction of rotation		Porting combination		Design letter		Seal class		Ports		Modifi- cations

Leadtime:
30 working days.



Product page

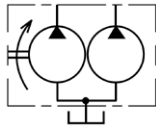


Catalogue

VANE PUMPS

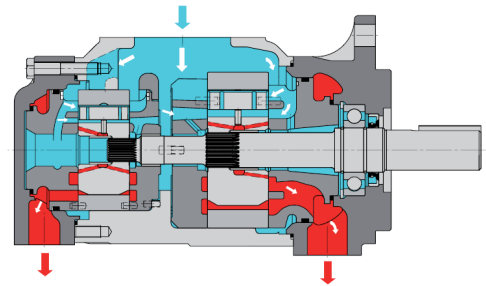
Industrial Vane Pump – T7*

Hydraulic industrial vane pumps reduce installation costs and drive extended life due to their high pressure capability, up to 320 bar in a small operating envelope. They are optimized for industrial applications.



Technical Specifications

Pump Type:	Vane, fixed
Body Material:	Cast Iron
Displacement:	5 to 268.7 cm ³ /rev
Configuration:	Double, single, triple
Operating Pressure:	up to 300 bar depending on size,
For Fluid Type:	Standard hydraulic fluids
Operating Speed:	2000 to 3600 rpm
Weight:	11 to 43 kg
Port Size:	1-1/4 to 3 inch suction port, 3/4 to 1-1/2 inch pressure port
Intermittent Outlet Pressure Port 1:	90 to 320 bar
Continuous Outlet Pressure Port 1:	75 to 290 bar
Intermittent Outlet Pressure Port 2:	90 to 300 bar
Continuous Outlet Pressure Port 2:	75 to 250 bar
Intermittent Outlet Pressure Port 3:	210 to 275 bar
Continuous Outlet Pressure Port 3:	160 to 240 bar



Ordering Information

Example:

T6CC	W	—	B22	—	B08	—	1	R	00	—	C	1	00	—	...
	Shaft option		Displacement P1 and P2			Type of shaft	Direction of rotation	Porting combination			Design letter	Seal class	Mounting w/connection variables		Modifications

Leadtime:
30 working days.



Product page



Catalogue

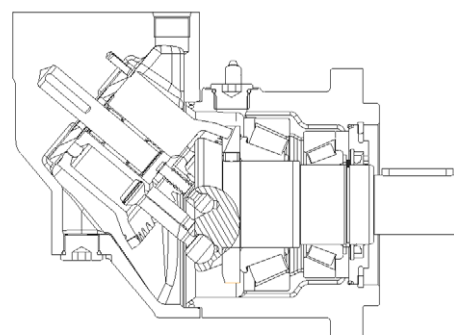
BENT AXIS PUMPS

Bent Axis Fixed Pumps – Series F10

Parkers F10 hydraulic pumps & motor series are designed to be the most cost optimized solutions in applications with lower pressure demands. Sizes from 30-125 cc.

Technical Specifications

Body Material:	Cast iron
Configuration:	Single
Maximum Displacement:	125 cm ³ /rev
Operating Pressure:	up to 350 bar
Maximum Flow Rate:	250 l/min
For Fluid Type:	Standard hydraulic fluids
Media:	Hydraulic fluids
Maximum Operating Speed:	3100 rpm
Fluid Temperature:	-40 °C to 115 °C
Weight:	11.5 to 33 kg max.
Shaft Type:	Key shaft, spline
Mounting Option:	ISO, SAE, cartridge
Port Type:	Flange
Port Connection:	ISO 6162-2
Port Location:	Rear ports
Direction of Rotation:	Clockwise, counterclockwise
Circuit Path:	Open
Sensor Type:	Speed, rotation
Drain Option:	External
Kinematic Viscosity:	37 SUS to 4664 SUS
Thru-Drive Capability:	No



Ordering Information

Example:

F10	-	030	-	R	F	-	I	V	-	K	-		-	0000	-	P0
		Frame size		Function	Main ports		Mounting flange	Shaft seal		Shaft		Version number		Option		Option

Leadtime:
15 working days.



Product page



Catalogue

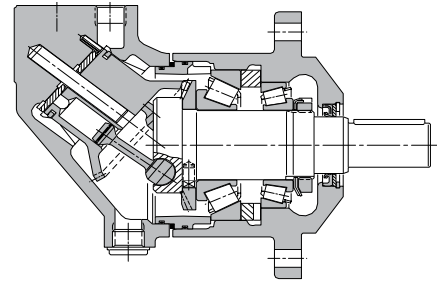
BENT AXIS PUMPS

Bent Axis Fixed Pumps – Small Frame Series F11

Parker F11 hydraulic pump series has operating pressures up to 420 bar (6,100 psi) and have high selfpriming speeds. The F11 is a robust design pump, and can be used in numerous applications in both open and closed loop circuits. Sizes from 5-19cc.

Technical Specifications

Body Material:	Cast iron
Configuration:	Single
Maximum Displacement:	19 cm ³ /rev
Operating Pressure:	up to 420 bar
Maximum Flow Rate:	66.5 l/min
For Fluid Type:	Standard hydraulic fluids
Media:	Hydraulic fluids
Maximum Operating Speed:	4600 rpm
Fluid Temperature:	-40 °C to 115 °C
Weight:	11 kg, 24.2 lb
Shaft Type:	SAE, ISO
Mounting Option:	SAE, ISO, CETOP, cartridge
Port Type:	Straight threaded
Port Connection:	SAE, ISO, BSPP
Port Location:	Rear Ports
Direction of Rotation:	Clockwise, counterclockwise, bi-rotational
Circuit Path:	Open
Sensor Type:	Speed, rotation
Maximum Noise Level:	80 dBA
Drain Option:	Yes
Filter Included:	No
Radial Load Capacity:	400 kg
Minimum Kinematic Viscosity:	8 cSt to 1000 cST, 37.3 SUS to 4664 SUS
Thru-Drive Capability:	No
Energy Recovery Capability:	Yes
Charge Pump Included:	No



Ordering Information

Example:

F11	–	006	–	R	U	–	C	V	–	K	–		–	0000	–	00
		Frame size		Function	Main ports		Mounting flange	Shaft seal		Shaft		Version number		Option		Option

Leadtime:
15 working days.



Product page



Catalogue

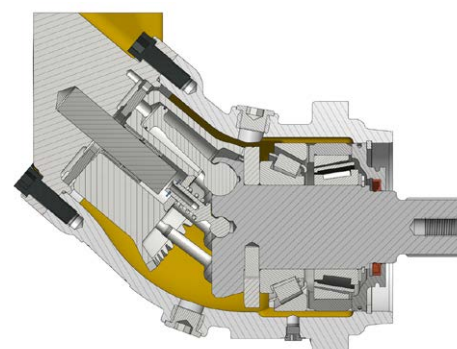
BENT AXIS PUMPS

Bent Axis Fixed Pumps – Large Frame Series F12

Parker F12 hydraulic pump series has operating pressures up to 480 bar (7,000 psi) and have high self-priming speeds. The F12 is a robust design pump, and can be used in numerous applications in both open and closed loop circuits. Sizes from 30-250cc.

Technical Specifications

Body Material:	Cast iron
Configuration:	Single
Maximum Displacement:	242 cm ³ /rev
Operating Pressure:	up to 480 bar
Maximum Flow Rate:	363 l/min
For Fluid Type:	Standard hydraulic fluids
Media:	Hydraulic fluids
Maximum Operating Speed:	3150 rpm
Fluid Temperature:	-40 °C to 115 °C
Weight:	77 kg
Shaft Type:	SAE, ISO
Mounting Option:	SAE, ISO, CETOP, cartridge
Port Type:	Flange
Port Connection:	SAE, ISO, BSPP
Port Location:	Side ports, rear ports, opposing ports, configurable
Direction of Rotation:	Clockwise, counterclockwise, bi-rotational
Circuit Path:	Open
Sensor Type:	Speed, rotation
Maximum Noise Level:	88 dBA
Drain Option:	Yes
Filter Included:	No
Radial Load Capacity:	1900 kg
Kinematic Viscosity:	8 cSt to 1000 cSt, 37.3 SUS to 4664 SUS
Thru-Drive Capability:	No
Energy Recovery Capability:	Yes
Charge Pump Included:	No



Ordering Information

Example:

F12	–	030	–	R	F	–	I	V	–	D	–		–	0000	–	00
		Frame size		Function	Main ports		Mounting flange	Shaft seal		Shaft		Version number		Option		Option

Leadtime:
15 working days.



Product page



Catalogue

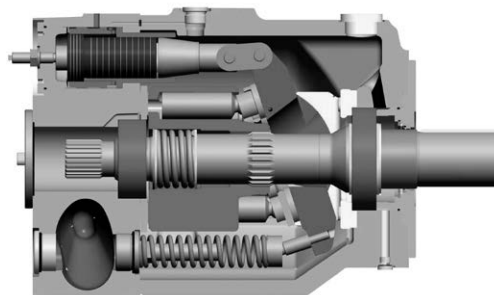
PISTON PUMPS

Axial Piston Variable Displacement Pumps – Series PVplus

Open circuit, variable swashplate piston pumps. Optimized for heavy duty industrial and marine applications. Operating pressures of up to 420 bar, high speed ratings and a wide range of highly responsive controls. Displacements from 16 to 360 cc/rev.

Technical Specifications

Body Material:	Cast iron
Configuration:	Single, tandem, multiple
Displacement:	16 to 360 cm ³ /rev
Operating Pressure:	420 bar
Flow Rate:	48 to 630 l/min
For Fluid Type:	Standard hydraulic fluids, Water-glycol, biodegradable, Fire resistant
Media:	Hydraulic fluids, liquids
Maximum Operating Speed:	3000 rpm
Fluid Temperature:	-40 °C to 115 °C
Weight:	186 kg
Shaft Type:	SAE, ISO
Mounting Option:	SAE, ISO
Port Type:	Flange, straight threaded
Port Connection:	SAE, ISO, BSPP
Direction of Rotation:	Clockwise, counterclockwise
Circuit Path:	Open
Sensor Type:	Pressure, displacement
Maximum Noise Level:	96 dBA
Drain Option:	Yes
Filter Included:	No
Kinematic Viscosity:	80 SUS to 3880 SUS
Thru-Drive Capability:	Yes
Energy Recovery Capability:	No
Control Method:	Pressure, remote pressure, load sense, electronic control, unloading, Proportional pressure
Charge Pump Included:	No



Ordering Information

Example:

P	V	0	1	6	R	1	K	1	T	1	N	1	0	0
		Size and displacement			Rotation	Variation	Mounting interface	Thread code	Through drive code	Coupling code	Seals	Control		

Leadtime:
20 working days.



Product page

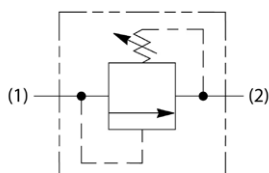


Catalogue

CARTRIDGE VALVES - PRESSURE RELIEF VALVES

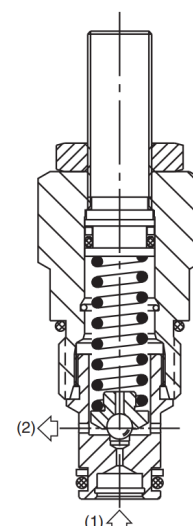
Direct Acting Relief Valve – Series A02A2*

Parker's direct acting relief valves are available in several cavity sizes and are designed for continuous duty applications with pressures up to 420 bar and flows up to 200 lpm.



Technical Specifications

Flow Rate:	6 l/min
Adjustment Mechanism:	Screw
Seal Material:	Nitrile
Maximum Operating Pressure:	420 bar
Pressure Control Range:	10 to 420 bar
Standard Setting Pressure:	200 bar
Leak Rate:	0.33 cm ³ /min @ 100 bar
Cavity Size:	C08-2
For Fluid Type:	Mineral-based hydraulic fluids, Synthetic hydraulic fluids
Maximum Kinematic Viscosity:	45 - 2000 SSU (6 to 420 cSt)
Filter Efficiency Rating:	ISO 4406 18/16/13, SAE Class 4
Valve Material:	Steel (all parts), hardened steel (all operating parts)
Installation Torque:	40 Nm
Operating Temperature:	-34 to 121 °C
Weight:	0.11 kg



Ordering Information

Example:

A	02A2	P	Z	N
Relief valve direct acting	Size/type	Pressure range	Adjustment style	Seals

Size / type		Pressure range		Adjustment style		Seals	
Code	Cavity	Code	Max Pressure	Code	Style	Code	Style
A02A2	C08-2 (6 LPM, 420 BAR) / Ball Type	P	420 BAR	Z	Screw	N	Nitrile

Order Code

A02A2PZN

Leadtime:

Core product items (highlighted yellow) are available from EDC stock with a max order quantity. Check MyParker for standard lead times and real time availability.



Product page

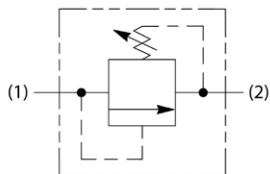


Catalogue

CARTRIDGE VALVES - PRESSURE RELIEF VALVES

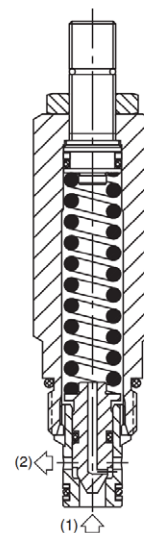
Direct Acting Relief Valve – Series A02B2*

Parker's direct acting relief valves are available in several cavity sizes and are designed for continuous duty applications with pressures up to 420 bar and flows up to 200 lpm.



Technical Specifications

Flow Rate:	30 l/min
Adjustment Mechanism:	Screw
Seal Material:	Nitrile
Maximum Operating Pressure:	420 bar
Pressure Control Range:	5 to 420 bar
Standard Setting Pressure:	200 bar
Configuration:	Pressure relief
Leak Rate:	0.33 cm ³ /min @ 100 bar
Cavity Size:	C08-2
For Fluid Type:	Mineral-based hydraulic fluids, Synthetic hydraulic fluids
Maximum Kinematic Viscosity:	45 - 2000 SSU (6 to 420 cSt)
Filter Efficiency Rating:	ISO 4406 18/16/13, SAE Class 4
Valve Material:	Steel (all parts), hardened steel (all operating parts)
Installation Torque:	40 Nm
Operating Temperature:	-34 to 121 °C
Weight:	0.2 kg



Ordering Information

Example:	A	02B2	P	Z	N
	Relief valve direct acting	Size/type	Pressure range	Adjustment style	Seals

Size / type		Pressure range		Adjustment style		Seals	
Code	Cavity	Code	Max Pressure	Code	Style	Code	Style
A02B2	C08-2 (30 LPM, 420 BAR) / Poppet Type	P	420 BAR	Z	Screw	N	Nitrile

Order Code

A02B2PZN

Leadtime:

Core product items (highlighted yellow) are available from EDC stock with a max order quantity. Check MyParker for standard lead times and real time availability.



Product page

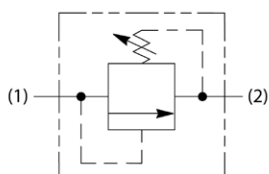


Catalogue

CARTRIDGE VALVES - PRESSURE RELIEF VALVES

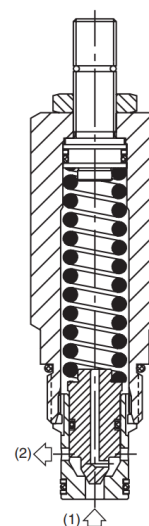
Direct Acting Relief Valve – Series A04B2*

Parker's direct acting relief valves are available in several cavity sizes and are designed for continuous duty applications with pressures up to 420 bar and flows up to 200 lpm.



Technical Specifications

Flow Rate:	100 l/min
Adjustment Mechanism:	Screw
Seal Material:	Nitrile
Pressure Control Range:	5 to 420 bar
Adjustment Mechanism:	Screw
Seal Material:	Nitrile
Maximum Operating Pressure:	420 bar
Standard Setting Pressure:	200 bar
Leak Rate:	0.33 cm ³ /min @ 100 bar
Cavity Size:	C10-2
Function:	Direct acting
For Fluid Type:	Mineral-based hydraulic fluids, Synthetic hydraulic fluids
Maximum Kinematic Viscosity:	45 - 2000 SSU (6 to 420 cSt)
Valve Material:	Steel (all parts), hardened steel (all operating parts)
Installation Torque:	50 Nm
Operating Temperature:	-34 to 121 °C
Weight:	0.28 kg



Ordering Information

Example:	A	04B2		Z	N
	Relief valve direct acting	Size/type	Pressure range	Adjustment style	Seals

Size / type	
Code	Cavity
A04B2	C10-2 (100 LPM, 420 BAR) / Poppet Type

Pressure range	
Code	Max Pressure
H	210 BAR
P	420 BAR

Adjustment style	
Code	Style
Z	Screw

Seals	
Code	Style
N	Nitrile

Order Code
A04B2HZN
A04B2PZN

Leadtime:

Core product items (highlighted yellow) are available from EDC stock with a max order quantity. Check MyParker for standard lead times and real time availability.



Product page

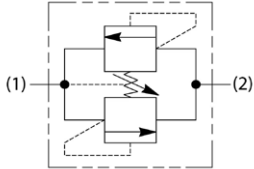


Catalogue

CARTRIDGE VALVES - PRESSURE RELIEF VALVES

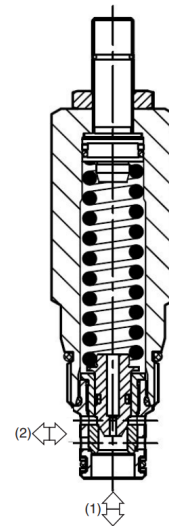
Direct Acting Relief Valve – Series A04J2*

Cross-over relief cartridge valves provide pressure protection to hydraulic motors, cylinders and rotary actuators. 120 lpm, 350 bar, in a single cartridge valve.



Technical Specifications

Flow Rate:	120 l/min
Adjustment Mechanism:	Screw
Seal Material:	Nitrile
Maximum Operating Pressure:	350 bar
Pressure Control Range:	10 to 350 bar
Standard Setting Pressure:	200 bar
Configuration:	Dual cross-over relief
Leak Rate:	0.66 cm ³ /min @ 100 bar
Cavity Size:	C10-2
Function:	Bi-directional
For Fluid Type:	Mineral-based hydraulic fluids, Synthetic hydraulic fluids
Maximum Kinematic Viscosity:	45-2000 SSU (6 to 420 cSt)
Filter Efficiency Rating:	ISO 4406 18/16/13, SAE Class 4
Valve Material:	Steel (all parts), hardened steel (all operating parts)
Installation Torque:	50 Nm
Operating Temperature:	-34 to 121 °C
Weight:	0.29 kg



Ordering Information

Example:	A	04J2	M	Z	N
	Relief valve direct acting	Size/type	Pressure range	Adjustment style	Seals

Size / type	
Code	Cavity
A04J2	C10-2 (120 LPM, 350 BAR)

Pressure range	
Code	Max Pressure
M	350 BAR

Adjustment style	
Code	Style
Z	Screw

Seals	
Code	Style
N	Nitrile

Order Code
A04J2MZN

Leadtime:

Core product items (highlighted yellow) are available from EDC stock with a max order quantity. Check MyParker for standard lead times and real time availability.



Product page

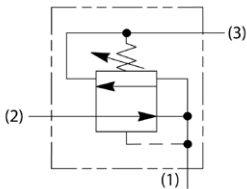


Catalogue

CARTRIDGE VALVES - PRESSURE REGULATING VALVES

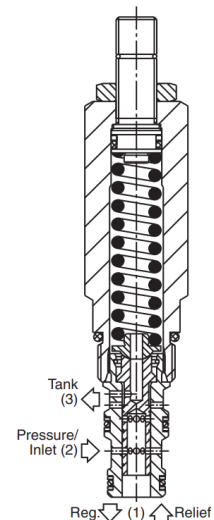
Direct Acting Reducing Valve – Series C02A3*

Parker's direct acting reducing valves are available in several cavity sizes and are designed for continuous duty applications with pressures up to 420 bar and flows up to 200 lpm.



Technical Specifications

Flow Rate:	20 l/min
Adjustment Mechanism:	Screw
Seal Material:	Nitrile
Pressure Control Range:	25 to 75 bar
Adjustment Mechanism:	Screw
Seal Material:	Nitrile
Maximum Operating Pressure:	420 bar
Standard Setting Pressure:	38 bar
Cavity Size:	C08-3
Function:	Direct acting
For Fluid Type:	Mineral-based hydraulic fluids, Synthetic hydraulic fluids
Maximum Kinematic Viscosity:	45 - 2000 SSU (6 to 420 cSt)
Filter Efficiency Rating:	ISO 4406 18/16/13, SAE Class 4
Valve Material:	Steel (all parts), hardened steel (all operating parts)
Installation Torque:	40 Nm
Operating Temperature:	-34 to 121 °C
Weight:	0.2 kg



Ordering Information

Example:	C	02A3	E	Z	N
	Reducing valve direct acting	Size/type	Pressure range	Adjustment style	Seals

Size / type		Pressure range		Adjustment style		Seals	
Code	Cavity	Code	Max Pressure	Code	Style	Code	Style
C02A3	C08-3 (20 LPM, 420 BAR)	E	75 BAR	Z	Screw	N	Nitrile

Order Code
C02A3EZN

Leadtime:
Core product items (highlighted yellow) are available from EDC stock with a max order quantity. Check MyParker for standard lead times and real time availability.



Product page

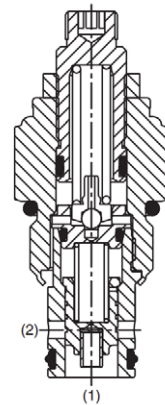
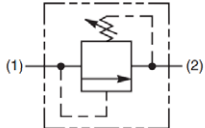


Catalogue

CARTRIDGE VALVES - PILOT OPERATED RELIEF VALVES

Pilot Operated Relief Valves – Series RAH*

Parker's pilot operated relief valves are designed for continuous duty applications featuring great stability with low pressure drop; working with pressures up to 420 bar and flows up to 400 lpm.



Technical Specifications

Maximum Flow Rate:	up to 379 l/min
Seal Material:	Nitrile
Maximum Operating Pressure:	350 bar
Function:	Pilot operated
For Fluid Type:	Mineral-based or synthetic hydraulic fluids
Maximum Kinematic Viscosity:	45 - 2000 SSU (6 to 420 cSt)
Cavity Size:	C08-2 / C10-2 / C12-2 / C16-2 / C20-2
Filter Efficiency Rating:	ISO 4406 18/16/13, SAE Class 4
Operating Temperature:	-34 to +121 °C
Weight:	0.23 - 0.9 kg

Ordering Information

Example:

RAH

Size

S

Adjustment style

Pressure range

Relief valve
pilot operated

Size

Adjustment
style

Pressure
range

Seals

Size		Adjustment style		Pressure range		Seals	
Code	Cavity	Code	Style	Code	Max Pressure	Code	Material
081	C08-2 (75.8 LPM, 350 BAR)	S	Screw	10	69 BAR	Omit	'D'-Ring
				30	207 BAR	N	Nitrile
				50	345 BAR		
101	C10-2 (113 LPM, 350 BAR)	S	Screw	10	69 BAR	Omit	'D'-Ring
				30	207 BAR	N	Nitrile
				50	345 BAR		
121	C12-2 (189.5 LPM, 350 BAR)	S	Screw	10	69 BAR	Omit	Nitrile
161	C16-2 (303 LPM, 350 BAR)			30	207 BAR		
201	C20-2 (379 LPM, 350 BAR)			50	345 BAR		

Order Code

RAH101S10

RAH101S30

RAH101S50

Leadtime:

Core product items (highlighted yellow) are available from EDC stock with a max order quantity. Check MyParker for standard lead times and real time availability.



Product page

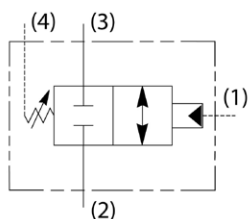


Catalogue

CARTRIDGE VALVES - SEQUENCE VALVES

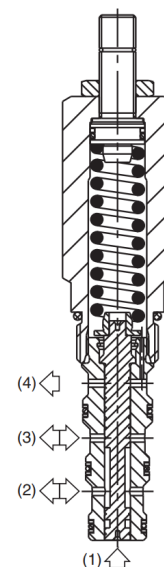
Sequence Valve – Series B04H4*

Parker's direct acting sequence valves can be piloted and vented allowing multiple actuators to work in sequence based on pressure settings; working with flows up to 56 lpm and pressures up to 420 bar.



Technical Specifications

Maximum Flow Rate:	47 l/min
Adjustment Mechanism:	Screw
Pressure Control Range:	2 to 166 bar
Seal Material:	Nitrile
Adjustment Mechanism:	Screw
Seal Material:	Nitrile
Maximum Operating Pressure:	420 bar
Standard Setting Pressure:	80 bar
Cavity Size:	C10-4
For Fluid Type:	Mineral-based hydraulic fluids, Synthetic hydraulic fluids
Maximum Kinematic Viscosity:	45 - 2000 SSU (6 to 420 cSt)
Filter Efficiency Rating:	ISO 4406 18/16/13, SAE Class 4
Valve Material:	Steel (all parts), hardened steel (all operating parts)
Installation Torque:	50 Nm
Operating Temperature:	-34 to 121 °C
Weight:	0.33 kg

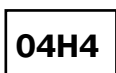


Ordering Information

Example:



Relief valve
direct acting



Size/type



Pressure
range



Adjustment
style



Seals

Size / type		Pressure range		Adjustment style		Seals	
Code	Cavity	Code	Max Pressure	Code	Style	Code	Style
B04H4	C10-4 (47 LPM, 420 BAR)	G	166 BAR	Z	Screw	N	Nitrile

Order Code

B04H4GZN

Leadtime:

Core product items (highlighted yellow) are available from EDC stock with a max order quantity. Check MyParker for standard lead times and real time availability.



Product page

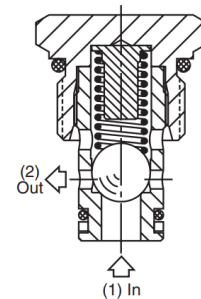
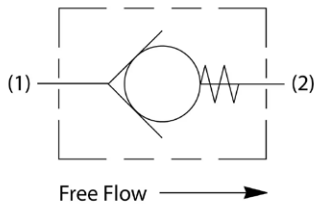


Catalogue

CARTRIDGE VALVES - CHECK & SHUTTLE VALVES

Ball Type Check Valve – Series D02B2/D04B2*

Parker ball type check valves are simple in their design and are used to block flow in one direction, and allow flow in the opposite direction. Capable of flows up to 160 l/min and pressures as high as 420 bar.



Technical Specifications

Maximum Flow Rate:	up to 160 l/min
Cracking Pressure:	0.2 to 6 bar
Seal Material:	Nitrile
Maximum Operating Pressure:	420 bar
Leak Rate:	< 3 drops/min @ 420 bar
Function:	Standard check
Flow Direction:	2-1 checked, 1-2 free flow
Cavity Size:	C08-2 / C10-2
For Fluid Type:	Mineral-based hydraulic fluids, Synthetic hydraulic fluids
Maximum Kinematic Viscosity:	45 - 2000 SSU (6 to 420 cSt)
Filter Efficiency Rating:	ISO 4406 18/16/13, SAE Class 4
Valve Material:	Steel (all parts), hardened steel (all operating parts)
Installation Torque:	40/50 Nm
Operating Temperature:	-34 to 121 °C
Weight:	0.05/0.08 kg

Ordering Information

Example:	D			N
	Relief valve direct acting	Size/type	Crack pressure	Seals

Size / type		Crack pressure		Seals	
Code	Cavity	Code	Pressure	Code	Style
2	C08-2(80 LPM, 420 BAR)	0.2	0.2 BAR	N	Nitrile
		1.0	1.0 BAR		
		2.1	2.1 BAR		
		3.4	3.4 BAR		
		6.0	6.0 BAR		
4	C10-2 (160 LPM, 420 BAR)	0.2	0.2 BAR		
		2.1	2.1 BAR		

Order Code
D02B2-0.2N
D02B2-0.2V
D02B2-1.0N
D02B2-2.1N
D02B2-3.4N
D02B2-6.0N
D04B2-0.2N
D04B2-2.1N

Leadtime:

Core product items (highlighted yellow) are available from EDC stock with a max order quantity. Check MyParker for standard lead times and real time availability.



Product page



Catalogue D04

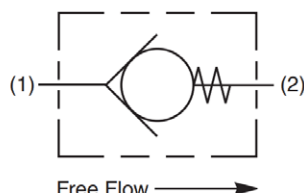


Catalogue D02

CARTRIDGE VALVES - CHECK & SHUTTLE VALVES

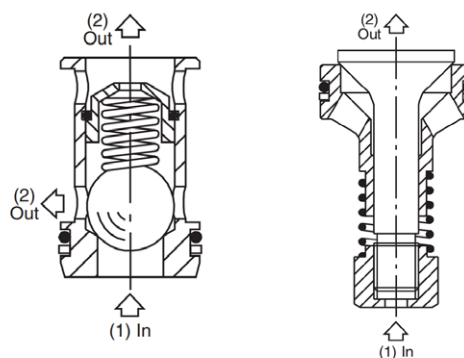
Insert Type Check Valve – Series D1*

Parker's D1* check valve is a insert type check valve designed as an insert cartridge. This style allows the designer to insert the check valve inside the manifold for circuit optimization and space savings.



Technical Specifications

Maximum Flow Rate:	up to 500 l/min
Cracking Pressure:	0.2 - 5 bar
Seal Material:	Nitrile
Maximum Operating Pressure:	420 bar
Leak Rate:	< 3 drops/min
Function:	Check
Flow Direction:	2-1 Checked, 1-2 free flow
Cavity Size:	2U/2C
For Fluid Type:	Mineral-based hydraulic fluids, Synthetic hydraulic fluids
Maximum Kinematic Viscosity:	45 - 2000 SSU (6 to 420 cSt)
Filter Efficiency Rating:	ISO 4406 18/16/13, SAE Class 4
Valve Material:	Steel (all parts), hardened steel (all operating parts)
Operating Temperature:	-34 to 121 °C
Weight:	0.06/0.085 kg



Ordering Information

Example:	D1				N
	Check valve	Insert type	Size	Crack pressure	Seals

Insert type	
Code	Type
A	Ball
B	Poppet

Size / type	
Code	Cavity
060	2U (145 LPM, 420 BAR)
125	2C (500 LPM, 420 BAR)

Crack pressure	
Code	Pressure
0.2	0.2 BAR
0.2	0.2 BAR
1.0	1.0 BAR
5.0	5.0 BAR

Seals	
Code	Style
N	Nitrile

Order Code
D1A060-0.2N
D1B125-0.2N
D1B125-1.0N
D1B125-5.0N

Leadtime:

Core product items (highlighted yellow) are available from EDC stock with a max order quantity. Check MyParker for standard lead times and real time availability.



Product page



Catalogue D1A060

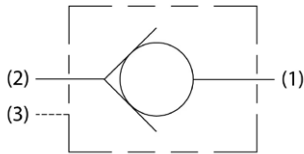


Catalogue D1B125

CARTRIDGE VALVES - CHECK & SHUTTLE VALVES

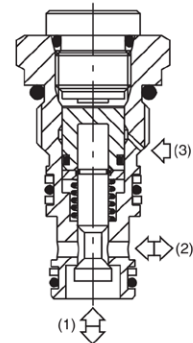
Pilot to Open Check Valve – Series D4A020*

Parker's P.O. check valve assemblies allow flow up to 150 lpm (40 gpm) with pressures up to 420 bar. Return flow can be enabled by an external pilot supply, which shifts the internal poppet into an open position.



Technical Specifications

Maximum Flow Rate:	30 l/min
Cracking Pressure:	5 bar
Seal Material:	Nitrile
Maximum Operating Pressure:	420 bar
Leak Rate:	3 drops/min @ 100 bar
Function:	Single pilot to open check
Flow Direction:	2-1 free flow
Cavity Size:	53-1
For Fluid Type:	Mineral-based hydraulic fluids, Synthetic hydraulic fluids
Maximum Kinematic Viscosity:	45 - 2000 SSU (6 to 420 cSt)
Filter Efficiency Rating:	ISO 4406 18/16/13, SAE Class 4
Valve Material:	Steel (all parts), hardened steel (all operating parts)
Installation Torque:	40 Nm
Operating Temperature:	-34 to 121 °C
Weight:	0.07 kg



Ordering Information

Example:

D	4A020	N
Pilot operated check valve	Size/type	Seals

Size / type	
Code	Cavity
D4A020	53-1 (30 LPM, 420 BAR)

Seals	
Code	Material
N	Nitrile

Order Code

D4A020N

Leadtime:

Core product items (highlighted yellow) are available from EDC stock with a max order quantity. Check MyParker for standard lead times and real time availability.



Product page

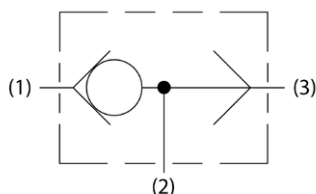


Catalogue

CARTRIDGE VALVES - CHECK & SHUTTLE VALVES

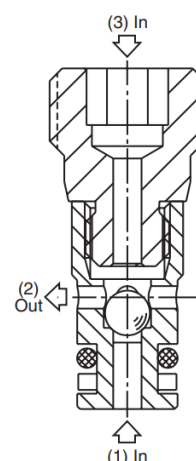
Insert Shuttle Valve – Series KSWA3N

Parker offers insert shuttles that can be buried inside a manifold to create design flexibility and reduce overall size.



Technical Specifications

Maximum Flow Rate:	9.5 l/min
Seal Material:	Nitrile
Maximum Operating Pressure:	420 bar
Leak Rate:	10 drops/min @ 100 bar
Function:	Shuttle
For Fluid Type:	Mineral-based or synthetic hydraulic fluids
Maximum Kinematic Viscosity:	45 - 2000 SSU (6 to 420 cSt)
Filter Efficiency Rating:	ISO 4406 18/16/13, SAE Class 4
Valve Material:	All parts steel. All operating parts hardened steel
Cavity Size:	CAVSW-3
Installation Torque:	10 Nm
Operating Temperature:	-34 to +121 °C
Weight:	0.01 kg



Ordering Information

Example:

KSWA3

Size/type

N

Seals

Size / type	
Code	Cavity
KSWA3	CAVSW-3 (9.5 LPM, 420 BAR)

Seals	
Code	Material
N	Nitrile

Order Code

KSWA3N

Leadtime:

Core product items (highlighted yellow) are available from EDC stock with a max order quantity. Check MyParker for standard lead times and real time availability.



Product page

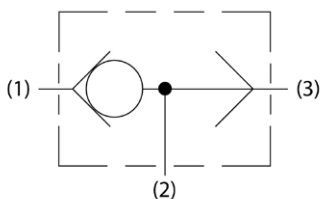


Catalogue

CARTRIDGE VALVES - CHECK & SHUTTLE VALVES

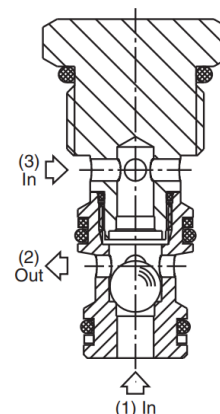
Cartridge Ball Type Shuttle Valve – Series K02A3

Parker's 2-position, 3-way ball type shuttle valves are designed to fit an industry common cavities and allow flows up to 50 lpm and 420 bar.



Technical Specifications

Maximum Flow Rate:	50 l/min
Seal Material:	Nitrile
Maximum Operating Pressure:	420 bar
Leak Rate:	10 drops/min @ 100 bar
Function:	Cartridge ball type, diverter
For Fluid Type:	Mineral-based or synthetic hydraulic fluids
Maximum Kinematic Viscosity:	Mineral-based or synthetic with lubricating properties at viscosities of 45 - 2000 SSU (6 to 420 cSt)
Valve Material:	All parts steel. All operating parts hardened steel
Cavity Size:	C08-3
Installation Torque:	40 Nm
Filter Efficiency Rating:	ISO 4406 18/16/13, SAE Class 4
Operating Temperature:	-34 to +121 °C
Weight:	0.07 kg



Ordering Information

Example:

K02A3

N

Size/type

Seals

Size / type	
Code	Cavity
K02A3	C08-3 (50 LPM, 420 BAR)

Seals	
Code	Material
N	Nitrile

Order Code

K02A3N

Leadtime:

Core product items (highlighted yellow) are available from EDC stock with a max order quantity. Check MyParker for standard lead times and real time availability.



Product page

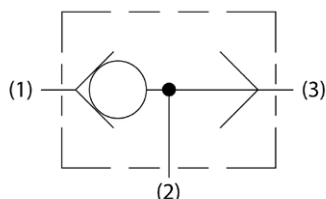


Catalogue

CARTRIDGE VALVES - CHECK & SHUTTLE VALVES

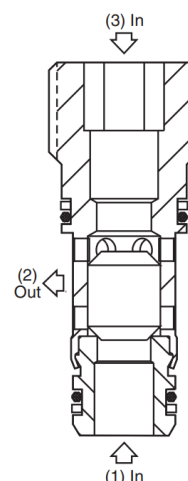
Insert Poppet Type Shuttle Valve – Series K2A005

Parker offers two types of insert shuttles that can be buried inside a manifold to create design flexibility and reduce overall size. 10GPM, 5000 PSI and 2.5GPM, 6000 PSI versions are available.



Technical Specifications

Maximum Flow Rate:	38 l/min
Seal Material:	Nitrile
Maximum Operating Pressure:	350 bar
Leak Rate:	5 drops/min @ 210 bar
Function:	Shuttle
For Fluid Type:	Mineral-based or synthetic hydraulic fluids
Maximum Kinematic Viscosity:	45 - 2000 SSU (6 to 420 cSt)
Valve Material:	All parts steel. All operating parts hardened steel
Cavity Size:	3Z
Installation Torque:	10 Nm
Filter Efficiency Rating:	ISO 4406 18/16/13, SAE Class 4
Operating Temperature:	-34 to +121 °C
Weight:	0.02 kg



Ordering Information

Example:

K2A005

Size/type

N

Seals

Size / type	
Code	Cavity
K2A005	3Z (38 LPM, 350 BAR)

Seals	
Code	Material
N	Nitrile

Order Code

K2A005N

Leadtime:

Core product items (highlighted yellow) are available from EDC stock with a max order quantity. Check MyParker for standard lead times and real time availability.



Product page

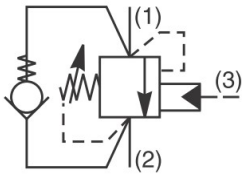


Catalogue

CARTRIDGE VALVES - LOAD CONTROL VALVES

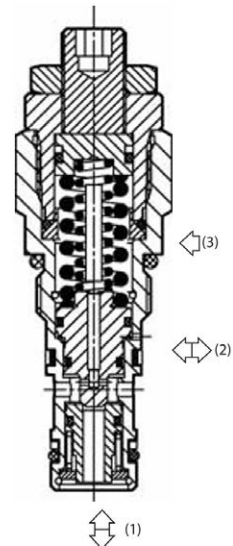
Standard Pilot Assisted Valve - Series E2*

Parker's piloted load control valves are designed to prevent runaway loads under dynamic conditions using a pilot signal, handling pressures up to 420 bar and flows up to 350 lpm.



Technical Specifications

Maximum Flow Rate:	350 l/min
Flow Range:	15 - 350 l/min
Seal Material:	Nitrile
Maximum Operating Pressure:	350/420 bar
Leak Rate:	6 drops/min @ 100 bar
Function:	Counterbalance valve
For Fluid Type:	Mineral-based or synthetic hydraulic fluids
Maximum Kinematic Viscosity:	Mineral-based or synthetic with lubricating properties at viscosities of 45 - 2000 SSU (6 to 420 cSt)
Valve Material:	All parts steel. All operating parts hardened steel
Cavity Size:	53-1 / 68-1 / 3C / 3M / 3K
Installation Torque:	see catalogue
Filter Efficiency Rating:	ISO 4406:1999 Code 18/16/13, SAE Class 4
Operating Temperature:	-34 to +121 °C
Weight:	see catalogue



Ordering Information

Example:

E2

Z

N

Load control
valve

Pilot ratio

Size

Adjustment
style

Seals

Design
code

Pilot ratio / size				Adjustment style		Design code	Seals	
Code	Ratio	Size	Cavity	Code	Style	Code	Code	Material
A	8:1	020	53-1 (14 LPM, 420 BAR)	Z	Screw Adjust	Omit	N	Nitrile
B	4.5:1		53-1 (20 LPM, 420 BAR)					
A	8:1	040	68-1 (60 LPM, 350 BAR)	Z	Screw Adjust	MK3		
B	3:1							
A	8:1	060	3C (120 LPM, 350 BAR)	Z	Screw Adjust	MK2		
B	3:1							
H	1.75:1							
A	8:1	125	3M (200 LPM, 350 BAR)	Z	Screw Adjust	MK2		
E	3:1							
A	8:1	300	3K (350 LPM, 350 BAR)	Z	Screw Adjust	MK2		
C	3:1							

Order Code	
E2A020ZN	
E2B020ZN	
E2A040ZNMK3	
E2B040ZNMK3	
E2A060ZNMK2	
E2B060ZNMK2	
E2H060ZNMK2	
E2A125ZNMK2	
E2E125ZNMK2	
E2A300ZNMK2	
E2C300ZNMK2	

Leadtime:

Core product items (highlighted yellow) are available from EDC stock with a max order quantity. Check MyParker for standard lead times and real time availability.



Product page

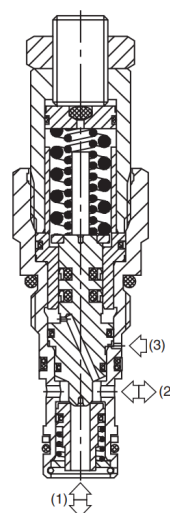
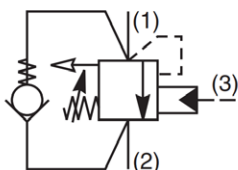


Catalogue

CARTRIDGE VALVES - LOAD CONTROL VALVES

Vented Load Control Valve – Series E6*

Parker's vented load control valves are designed to operate independent of downstream pressure to prevent runaway loads under all dynamic conditions, handling pressures up to 350 bar and flows up to 180 lpm.



Technical Specifications

Maximum Flow Rate:	180 l/min
Flow Rate:	20 - 180 l/min
Seal Material:	Nitrile
Maximum Operating Pressure:	350/420 bar
Function:	Counterbalance valve
For Fluid Type:	Mineral-based or synthetic hydraulic fluids
Maximum Kinematic Viscosity:	Mineral-based or synthetic with lubricating properties at viscosities of 45 - 2000 SSU (6 to 420 cSt)
Valve Material:	All parts steel. All operating parts hardened steel
Cavity Size:	53-1, 68-1 and 3C
Filter Efficiency Rating:	ISO 4406:1999 Code 18/16/13, SAE Class 4
Operating Temperature:	-34 to +121 °C
Weight:	0.08 to 0.53 kg

Ordering Information

Example:

E6			Z	N	
Load control valve	Pilot ratio / Size	Adjustment style	Seals	Design code	

Pilot ratio / size				Adjustment style		Seals		Design code
Code	Ratio	Size	Cavity	Code	Style	Code	Material	Code
B	4.5:1	020	53-1 (20 LPM, 350 BAR)	Z	Screw Adjust	N	Nitrile	Omit
K	15:1							
B	3:1	040	68-1 (60 LPM, 350 BAR)	Z	Screw Adjust			MK3
B	3:1	060	3C (180 LPM, 350 BAR)	Z	Screw Adjust			409

Order Code
E6B020ZN
E6B040ZNMK3
E6B060ZN409

Leadtime:

Core product items (highlighted yellow) are available from EDC stock with a max order quantity. Check MyParker for standard lead times and real time availability.



Product page

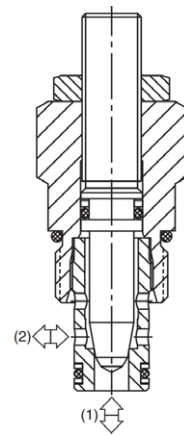
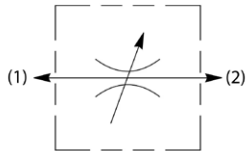


Catalogue

CARTRIDGE VALVES - FLOW CONTROL VALVES

Needle Flow Control Valves – Series J02A2

Parker offers standard needle valves and needle valves with a reverse free-flow check. Parker's needle valves are non-compensated adjustable orifices capable of flows up to 225 lpm (60 gpm) and pressures as high as 420 bar (6000 psi).



Technical Specifications

Maximum Flow Rate:	45 l/min
Seal Material:	Nitrile
Maximum Operating Pressure:	420 bar
Function:	2-way
For Fluid Type:	Mineral-based or synthetic hydraulic fluids
Maximum Kinematic Viscosity:	45 - 2000 SSU (6 to 420 cSt)
Valve Material:	All parts steel. All operating parts hardened steel
Cavity Size:	C08-2
Filter Efficiency Rating:	ISO 4406 18/16/13, SAE Class 4
Operating Temperature:	-34 to +121 °C
Weight:	0.11 kg

Ordering Information

Example:



Needle valve



Size



Style



Adjustment
style



Seals

Size		Style		Adjustment style		Seals	
Code	Cavity	Code	Style	Code	Style	Code	Material
02	C08-2 (45 LPM, 420 BAR)	A2	Restrictive	Z	Screw	N	Nitrile

Order Code

J02A2ZN

Leadtime:

Core product items (highlighted yellow) are available from EDC stock with a max order quantity. Check MyParker for standard lead times and real time availability.



Product page

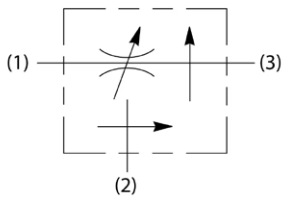


Catalogue

CARTRIDGE VALVES - FLOW REGULATING VALVES

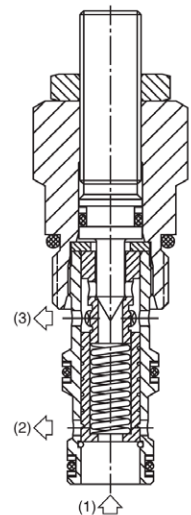
Pressure Compensated Priority Flow Control Valves – Series J***

Pressure compensated priority flow control valves maintain constant flow regardless of inlet pressure. Flow up to 150 lpm and pressure up to 420 bar; excess flow is diverted once the priority flow requirement is met.



Technical Specifications

Maximum Flow Rate:	see catalogue
Seal Material:	Nitrile
Maximum Operating Pressure:	420 bar
Function:	Flow regulator valve
For Fluid Type:	Mineral-based or synthetic hydraulic fluids
Maximum Kinematic Viscosity:	45 - 2000 SSU (6 to 420 cSt)
Valve Material:	All parts steel. All operating parts hardened steel
Cavity Size:	C08-3
Filter Efficiency Rating:	ISO 4406 18/16/13, SAE Class 4
Operating Temperature:	-34 to +121 °C
Weight:	0.08 kg



Ordering Information

Example:

J	02D3	Z	N
Load control valve	Size	Adjustment style	Seals

Size		Adjustment style		Seals	
Code	Cavity	Code	Style	Code	Material
02D3	C08-3 (15 LPM, 420 BAR)	Z	Screw Adjust	N	Nitrile

Order Code

J02D3ZN

Leadtime:

Core product items (highlighted yellow) are available from EDC stock with a max order quantity. Check MyParker for standard lead times and real time availability.



Product page

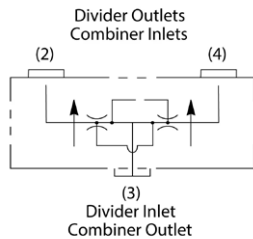


Catalogue

CARTRIDGE VALVES - FLOW CONTROL VALVES

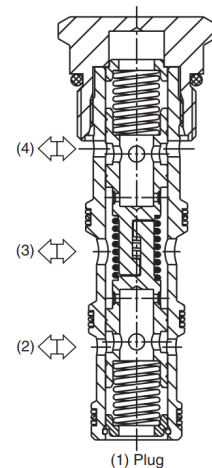
Flow Divider/Combiner Valves – Series L06A3*

Parker offers different flow divider/combiner valves to cover a wide range of flows up to 180 lpm and pressures as high as 420 bar.



Technical Specifications

Maximum Flow Rate:	180 l/min
Seal Material:	Nitrile
Maximum Operating Pressure:	420 bar
Function:	Flow divider/combiner
For Fluid Type:	Mineral-based or synthetic hydraulic fluids
Maximum Kinematic Viscosity:	45 - 2000 SSU (6 to 420 cSt)
Valve Material:	All parts steel. All operating parts hardened steel
Cavity Size:	C16-4
Filter Efficiency Rating:	ISO 4406 18/16/13, SAE Class 4
Operating Temperature:	-34 to +121 °C
Weight:	0.4 kg



Ordering Information

Example:

L06A3

Flow divider
combiner valve



Flow rating
/ ratio



Seals

Size	
Code	Cavity
L06A3	C16-4 (180 LPM, 420 BAR)

Flow rating / ratio	
Code	Total Flow Rating - Port 3 (Flow Ratio)
45-45	25-90 LPM (50/50 Ratio)
60-60	35-120 LPM (50/50 Ratio)
90-90	65-180 LPM (50/50 Ratio)

Seals	
Code	Material
N	Nitrile

Order Code

L06A3-45-45N

Leadtime:

Core product items (highlighted yellow) are available from EDC stock with a max order quantity. Check MyParker for standard lead times and real time availability.



Product page

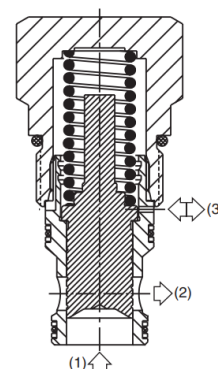
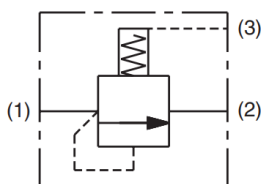


Catalogue

CARTRIDGE VALVES - DIVERTER VALVES

Spool Type Logic Elements – Series R0*E3

Parker offers an extensive line of spool type logic elements for direction, pressure and flow control. Normally-open and Normally-closed, internal or external pilots, pressures up to 420 bar and flows up to 500 lpm.



Technical Specifications

Maximum Flow Rate:	500 l/min
Flow Rate:	170 - 500 l/min
Seal Material:	Nitrile
Maximum Operating Pressure:	420 bar
Function:	Logic valve
For Fluid Type:	Mineral-based or synthetic hydraulic fluids
Maximum Kinematic Viscosity:	45 - 2000 SSU (6 to 420 cSt)
Valve Material:	All parts steel. All operating parts hardened steel
Cavity Size:	C10-3S / C16-3S / C20-3S
Filter Efficiency Rating:	ISO 4406 18/16/13, SAE Class 4
Operating Temperature:	-34 to +121 °C
Weight:	see catalogue

Ordering Information

Example:

R		E3		N
Logic element spool type	Size	Normally closed	Bias spring	Seals

Size	
Code	Cavity
04	C10-3S (170 LPM, 420 BAR)
06	C16-3S (400 LPM, 420 BAR)
08	C20-3S (500 LPM, 420 BAR)

Bias spring	
Code	Range
5.0	5 BAR
5.5	5.5 BAR
10.0	10 BAR
15.0	15 BAR

Seals	
Code	Material
N	Nitrile

Order Code
R04E3-5.0N
R06E3-5.5N
R06E3-10.0N
R06E3-15.0N
R08E3-10.0N
R08E3-15.0N

Leadtime:

Core product items (highlighted yellow) are available from EDC stock with a max order quantity. Check MyParker for standard lead times and real time availability.



Product page

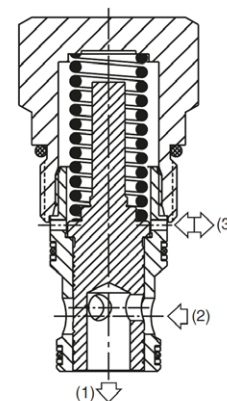
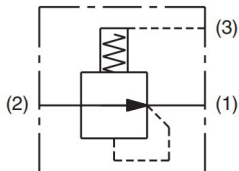


Catalogue

CARTRIDGE VALVES - LOGIC ELEMENT VALVES

Spool Type Logic Elements – Series R06H3*

Parker offers an extensive line of spool type logic elements for direction, pressure and flow control. Normally-open and Normally-closed, internal or external pilots, pressures up to 420 bar and flows up to 160 lpm.



Technical Specifications

Maximum Flow Rate:	160 l/min
Seal Material:	Nitrile
Maximum Operating Pressure:	420 bar
Function:	Logic valve
For Fluid Type:	Mineral-based or synthetic hydraulic fluids
Maximum Kinematic Viscosity:	45 - 2000 SSU (6 to 420 cSt)
Valve Material:	All parts steel. All operating parts hardened steel
Cavity Size:	C16-3S
Filter Efficiency Rating:	ISO 4406 18/16/13, SAE Class 4
Operating Temperature:	-34 to +121 °C
Weight:	0.38 kg

Ordering Information

Example:

R	06	H3		N
Logic element spool type	Size	Normally open	Bias spring	Seals

Size	
Code	Cavity
06	C16-3S (160 LPM, 420 BAR)

Bias spring	
Code	Range
5.5	5.5 BAR
10.0	10 BAR
15.0	15 BAR

Seals	
Code	Material
N	Nitrile

Order Code

R06H3-5.5N
R06H3-10.0N
R06H3-15.0N

Leadtime:

Core product items (highlighted yellow) are available from EDC stock with a max order quantity. Check MyParker for standard lead times and real time availability.



Product page

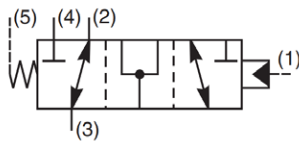


Catalogue

CARTRIDGE VALVES - DIRECTIONAL CONTROL VALVES

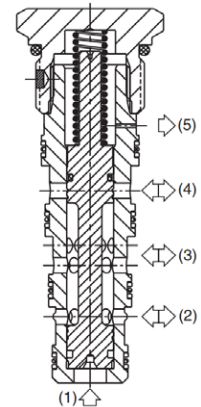
3-Way/2-Position Pilot Operated Directional Control Valves – Series N5*

Parker's N5 valves are 3-way 2-position spool-type pilot-operated cartridge valves that can be used to control direction, pressure, or flow. All N5's are rated for 420 bar with flow options up to 400 lpm.



Technical Specifications

Maximum Flow Rate:	400 l/min
Flow Range:	160 - 400 l/min
Seal Material:	Nitrile
Maximum Operating Pressure:	420 bar
Function:	Diverter
For Fluid Type:	Mineral-based or synthetic hydraulic fluids
Maximum Kinematic Viscosity:	45 - 2000 SSU (6 to 420 cSt)
Valve Material:	All parts steel. All operating parts hardened steel
Cavity Size:	5A / 100-1
Installation Torque:	see catalogue
Filter Efficiency Rating:	ISO 4406 18/16/13, SAE Class 4
Operating Temperature:	-34 to +121 °C
Weight:	see catalogue



Ordering Information

Example:

N5	A			N
Directional control / open transition	Function	Size	Shift pressure	Seals

Function		Size		Shift pressure		Seals	
Code	Function	Code	Cavity	Code	Pressure	Code	Material
A	All Ports Open	125	5A (160 LPM, 420 BAR)	5.0	5 BAR	N	Nitrile
		300	100-1 (400 LPM, 420 BAR)	6.9	6.9 BAR		
				10.0	10 BAR		

Order Code
N5A125-5.0N
N5A125-6.9N
N5A125-10.0N
N5A300-6.9N
N5A300-10.0N

Leadtime:

Core product items (highlighted yellow) are available from EDC stock with a max order quantity. Check MyParker for standard lead times and real time availability.



Product page

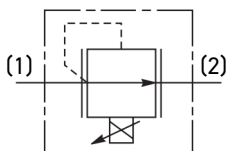


Catalogue

CARTRIDGE VALVES - PROPORTIONAL VALVES

Pressure Relieving Proportional Valves – Series AP0*

Parker's selection of proportional pressure relieving valves are for applications that require dynamic relieving and valves that are capable of flows up to 95 lpm and pressures as high as 350 bar.



Technical Specifications

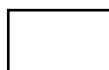
Maximum Flow Rate:	95 l/min
Flow Range:	1.3 - 95 l/min
Seal Material:	Nitrile
Maximum Operating Pressure:	350 bar
Function:	Proportional pressure relief
For Fluid Type:	Mineral-based hydraulic fluids, Synthetic hydraulic fluids
Maximum Kinematic Viscosity:	45 - 2000 SSU (6 to 420 cSt)
Cavity Size:	C08-2 / C10-2
Filter Efficiency Rating:	ISO 4406 18/16/13, SAE Class 4
Operating Temperature:	-34 to 121 °C
Weight:	0.06 to 0.14 kg



Ordering Information

Example:

AP



Proportional valve/relieving

Size

Function

Shift pressure

Seals

Variation

Size		Function		Pressure setting		Seals		Variation	
Code	Cavity	Code	Function	Code	Setting	Code	Material	Code	Option
02B2	C08-2	YP	Increase Pressure / Increase Current / Direct acting	21C	210 BAR (3 LPM)	Omit	'D'-Ring	Omit	Standard
				35C	350 BAR (1.3 LPM)	N	Nitrile		
		YR	Decrease Pressure / Increase Current / Direct acting	21A	210 BAR (3 LPM)			L	Low
				35A	350 BAR (1.3 LPM)				
04G2	C10-2	YP	Increase Pressure / Increase Current / Pilot operated	21C	210 BAR (95 LPM)	N	Nitrile	Omit	Standard
				35C	350 BAR (95 LPM)	V	Viton		
		YR	Decrease Pressure / Increase Current / Pilot operated						

Coil	
Model	Super Coil
AP02B2YP	CC (1/2")
AP02B2YR	CA (5/8")
AP04G2*	CC (1/2")

Coil(s) sold separately. Please see section CE for more information.

Order Code	Order Code
AP02B2YP21CN	AP02B2YR35AVL
AP02B2YP35CN	AP04G2YR10CN
AP02B2YR35AL	AP04G2YR10CV
AP02B2YR35ANL	AP04G2YR21CN

Leadtime:

Core product items (highlighted yellow) are available from EDC stock with a max order quantity. Check MyParker for standard lead times and real time availability.



Product page

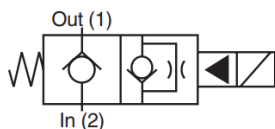


Catalogue

CARTRIDGE VALVES - ON/OFF SOLENOID VALVES

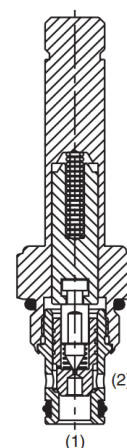
2-Way Poppet Type Solenoid Valve – Series DS*1*

Parker's 2-way poppet solenoid valves check flow in one direction with very low leakage and free flow opposite; normally-open or normally-closed configurations available. Capable of pressures up to 350 bar and flows up to 150 lpm.



Technical Specifications

Maximum Flow Rate:	150 l/min
Seal Material:	D-Ring (standard), nitrile, fluorocarbon
Maximum Operating Pressure:	350 bar
Function:	2-way
For Fluid Type:	Mineral-based or synthetic hydraulic fluids
Maximum Kinematic Viscosity:	45 - 2000 SSU (6 to 420 cSt)
Cavity Size:	C08-2, C10-2, C16-2
Filter Efficiency Rating:	ISO 4406 18/16/13, SAE Class 4
Operating Temperature:	-34 to +121 °C
Weight:	see catalogue



Ordering Information

Example:

DS			1			
Solenoid Valve	Pressure	Size	Poppet Type	Function	Override	Seals

Pressure		Size		Function		Override		Seals			Coil	
Code	Pressure	Code	Size	Code	Function	Code	Option	Size	Code	Material	Model	Super Coil
H	350 BAR	08	C08-2 (30 LPM)	C	Normally Closed, Metered Rev. Flow	Omit	None	08	Omit	'D'-Ring	DSH081	CC (1/2")
		10	C10-2 (60 LPM)	CR	Normally Closed, Free Rev. Flow	T	Push & Twist (N.C. & N.O.)	08	V	Viton	DSH101	CA (5/8")
		16	C16-2 (150 LPM)	N	Normally Open, Metered Rev. Flow			10	Omit	'D'-Ring	DSH161	CA (5/8")
				NR	Normally Open, Free Rev. Flow			12	Omit	Nitrile		
								16	Omit	Nitrile		

Coil(s) sold separately. Please see section CE for more information.

Order Code	Order Code
DSH081C	DSH101NR
DSH081CN	DSH161CR
DSH081CR	DSL081C
DSH081CRN	DSL081CHR
DSH081N	DSL081CR
DSH081NR	DSL081CRN
DSH101CR	DSL081CRV

Leadtime:

Core product items (highlighted yellow) are available from EDC stock with a max order quantity. Check MyParker for standard lead times and real time availability.



Product page

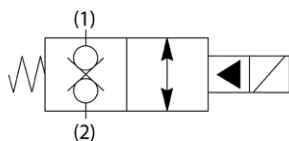


Catalogue

CARTRIDGE VALVES - ON/OFF SOLENOID VALVES

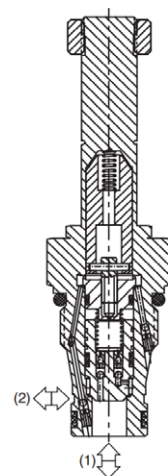
2-Way Poppet Type Bi-Directional Solenoid Valves – Series GS0481*

Parker's 2-way bi-directional poppet solenoid valves block flow both directions with very low leakage and are available in normally-open or normally closed configurations. Pressures up to 350 bar, flows up to 285 lpm.



Technical Specifications

Maximum Flow Rate:	76 l/min
Seal Material:	Nitrile
Maximum Operating Pressure:	350 bar
Function:	2-way
For Fluid Type:	Mineral-based or synthetic hydraulic fluids
Maximum Kinematic Viscosity:	45-2000 SSU (6 to 420 cSt)
Cavity Size:	2R
Installation Torque:	34 Nm
Filter Efficiency Rating:	ISO 4406 18/16/13, SAE Class 4
Operating Temperature:	-34 to +121 °C
Weight:	0.17 kg



Ordering Information

Example:

GS	04	81		0	N
Solenoid valve	Size	Style	Override	Screen	Seals

Size		Style		Override		Screen		Seals	
Code	Size	Code	Function	Code	Option	Code	Option	Code	Material
04	2R (68 LPM 350 BAR)	81	High Pressure ('SP' Coil)	Omit	None	0	None	N	Nitrile
				2	Non-Detented				

Coil
CC Super Coil 1/2"

Coil(s) sold separately.
Please see section CE for more information.

Order Code
GS048100N

Leadtime:

Core product items (highlighted yellow) are available from EDC stock with a max order quantity. Check MyParker for standard lead times and real time availability.



Product page

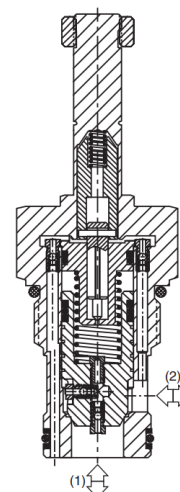
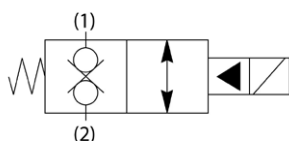


Catalogue

CARTRIDGE VALVES - ON/OFF SOLENOID VALVES

2-Way Poppet Type Bi-Directional Solenoid Valve – Series GS0681 *

Parker's 2-way bi-directional poppet solenoid valves block flow both directions with very low leakage and are available in normally-open or normally closed configurations. Pressures up to 350 bar, flows up to 285 lpm.



Technical Specifications

Maximum Flow Rate:	285 l/min
Seal Material:	Nitrile
Maximum Operating Pressure:	350 bar
Function:	2-way
For Fluid Type:	Mineral-based or synthetic hydraulic fluids
Maximum Kinematic Viscosity:	45 - 2000 SSU (6 to 420 cSt)
Cavity Size:	C16-2
Filter Efficiency Rating:	ISO 4406 18/16/13, SAE Class 4
Operating Temperature:	-34 to +121 °C
Weight:	0.4 kg

Ordering Information

Example:

GS	06	81		0	N
Solenoid valve	Size	Style	Override	Screen	Seals

Size		Style		Override		Screen		Seals	
Code	Size	Code	Function	Code	Option	Code	Option	Code	Material
06	C16-2 (285 LPM 350 BAR)	81	High Pressure ('SP' Coil)	Omit	None	0	None	N	Nitrile
				2	Non-Detented				

Coil
CC Super Coil 1/2"

Coil(s) sold separately.
Please see section CE for more information.

Order Code
GS068100N

Leadtime:

Core product items (highlighted yellow) are available from EDC stock with a max order quantity. Check MyParker for standard lead times and real time availability.



Product page



Catalogue

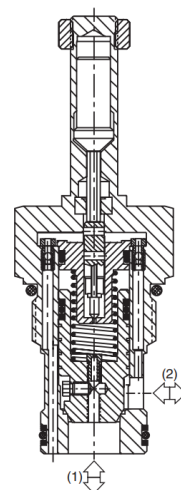
CARTRIDGE VALVES - ON/OFF SOLENOID VALVES

2-Way Poppet Type Bi-Directional Solenoid Valve – Series GS0686*

Parker's 2-way bi-directional poppet solenoid valves block flow both directions with very low leakage and are available in normally-open or normally closed configurations. Pressures up to 350 bar, flows up to 285 lpm.

Technical Specifications

Maximum Flow Rate:	285 l/min
Seal Material:	Nitrile
Maximum Operating Pressure:	350 bar
Function:	2-way
For Fluid Type:	Mineral-based or synthetic hydraulic fluids
Maximum Kinematic Viscosity:	45 - 2000 SSU (6 to 420 cSt)
Cavity Size:	C16-2
Filter Efficiency Rating:	ISO 4406 18/16/13, SAE Class 4
Operating Temperature:	-34 to +121 °C
Weight:	0.4 kg



Ordering Information

Example:

GS	06	86		0	N
Solenoid valve	Size	Style	Override	Screen	Seals

Size		Style		Override		Screen		Seals	
Code	Size	Code	Function	Code	Option	Code	Option	Code	Material
06	C16-2 (285 LPM 350 BAR)	86	High Pressure ('SP' Coil)	Omit	None	0	None	N	Nitrile
				1	Manual Override				

Coil
CC Super Coil 1/2"

Coil(s) sold separately.
Please see section CE for more information.

Order Code

GS068600N

Leadtime:

Core product items (highlighted yellow) are available from EDC stock with a max order quantity. Check MyParker for standard lead times and real time availability.



Product page

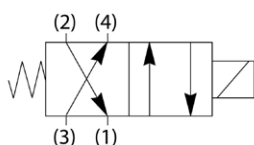


Catalogue

CARTRIDGE VALVES - ON/OFF SOLENOID VALVES

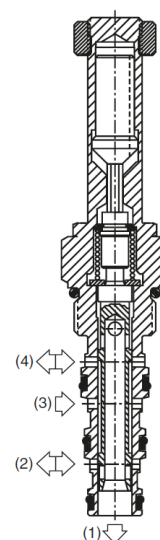
4-Way 2-Position Spool Type Solenoid Valve – Series GS0242*

Parker's direct acting 4-way, 2-position spool-type solenoids offer a simple electronic solution for actuation or reversing applications; available with flows up to 113 lpm and pressures as high as 350 bar.



Technical Specifications

Maximum Flow Rate:	19 l/min
Seal Material:	Nitrile
Maximum Operating Pressure:	350 bar
Function:	4-way
For Fluid Type:	Mineral-based or synthetic hydraulic fluids
Maximum Kinematic Viscosity:	45 - 2000 SSU (6 to 420 cSt)
Cavity Size:	C08-4
Filter Efficiency Rating:	ISO 4406 18/16/13, SAE Class 4
Operating Temperature:	-34 to +121 °C
Weight:	0.3 kg



Ordering Information

Example:

GS	02	42		0	N
Solenoid valve	Size	Spool Function	Override	Screen	Seals

Size		Spool Function		Override		Screen		Seals		Coil	
Code	Size	Code	Function	Code	Option	Code	Option	Code	Material	Model	Super Coil
02	C08-4 (19 LPM 350 BAR)	42		0	None	0	None	N	Nitrile	GS0242*	CC (1/2")
				1	None-Detented						
				2	Detented						

Coil(s) sold separately.
Please see section CE
for more information.

Order Code
GS024200N

Leadtime:

Core product items (highlighted yellow) are available from EDC stock with a max order quantity. Check MyParker for standard lead times and real time availability.



Product page

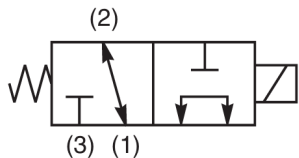


Catalogue

CARTRIDGE VALVES - ON/OFF SOLENOID VALVES

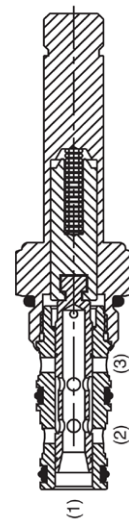
3-Way Spool Type Solenoid Valve – Series DS*3*

High pressure solenoid valves are direct acting 3-way, 2-position spool-type to cover a wide range of flows up to 57 lpm (15 gpm) and pressures as high as 350 bar. These screw-in cartridge valves are fast to respond to coil voltage.



Technical Specifications

Maximum Flow Rate:	see catalogue
Seal Material:	D-Ring (standard)
Maximum Operating Pressure:	350 bar
Function:	3-way
For Fluid Type:	Mineral-based or synthetic hydraulic fluids
Maximum Kinematic Viscosity:	45 - 2000 SSU (6 to 420 cSt)
Cavity Size:	C08-2, C10-3
Filter Efficiency Rating:	ISO 4406 18/16/13, SAE Class 4
Operating Temperature:	-34 to +204 °C
Weight:	0.13 to 0.59 kg



Ordering Information

Example:

DS			3			
Solenoid Valve	Pressure	Size	Spool Type	Spool Function	Override	Seals

Pressure		Size		Spool Function		Override		Seals		Coil	
Code	Pressure	Code	Size	Code	Function	Code	Option	Code	Material	Model	Super Coil
L	210 BAR	08	C08-3	A N.O. 11.3 LPM N.C. 7.5 LPM Selector 7.5 LPM		Omit	None	Omit	'D'-Ring	DSH083	CC (1/2")
H	350 BAR	10	C10-3	B N.C. 15 LPM Selector 15 LPM		T	Push & Twist (N.C. & N.O.)	N	Nitrile	DSH103	CA (5/8")
				N N.O. 11.3 LPM Selector 15 LPM							

Coil(s) sold separately. Please see section CE for more information.

Order Code
DSL083A
DSL083B
DSL103N
DSH083A
DSH103NN

Leadtime:

Core product items (highlighted yellow) are available from EDC stock with a max order quantity. Check MyParker for standard lead times and real time availability.



Product page

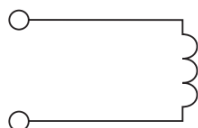


Catalogue

CARTRIDGE VALVES - COILS

1/2" and 5/8" Super Coil – Series CC*/CA*

Parker's broad range of solenoid and proportional cartridge valves are complemented by a wide selection of options in the Super Coil series of IP69K DC and AC coils. Multiple voltage and termination styles are standard cataloged options.



Technical Specifications

Input Voltage:	12 VDC, 24 VDC
Connection Type:	DIN, Integral Deutsch, Integral Deutsch w/Anti-vibration ring, Integral Deutsch w/Anti-vibration ring and Zener Diode, dual lead wire, dual spade, dual lead wire w/Conduit
Duty Cycle:	Continuous @ 100 % voltage
Function:	1/2" super coil
Coil Type:	Puissant, standard
Maximum Operating Temperature:	+200 °C
Minimum Operating Temperature:	-40 °C
Weight:	0.2 kg

Ordering Information

Example:

C				N
Super coil / size	Wattage	Voltage	Termination	Seals

Size		Wattage				Voltage		Termination		Seals	
Code	I.D. Size	Code	Wattage	Watt (DC Coil)	Watt (AC Coil)	Code	Voltage	Code	Termination	Code	Material
CC	1/2"	S	Standard	14w (CC)	16w (CC)	012	12 VDC	H	Integral Deutsch	N	Nitrile
CA	5/8"			18W (CA)	18W (CA)	024	24 VDC	HSN	Integral Deutsch w/ Anti-Vibration ring		
		P	Puissant	19W (CC)	19W (CC)			HSZN	Integral Deutsch w/ Anti-Vibration ring and Zener diode		
				22W(CA)	28W (CC)			L	Double Lead Wire		
								S	Double Spade		
								D	DIN 43650 (Supplied without connector)		
						115	115 VAC	C	Double Lead Wire with Conduit Connector		
								D	DIN 43650 (Supplied without connector)		

Order Code
CCS024D
CAP024H
CAP024D
CCP012H
CCP024A
CCP024D
CCP024H
CCP024HE

Leadtime:

Core product items (highlighted yellow) are available from EDC stock with a max order quantity. Check MyParker for standard lead times and real time availability.



Product page

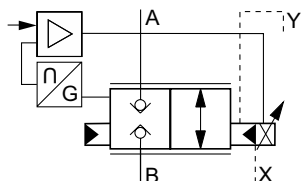


Catalogue

SLIP-IN CARTRIDGE VALVES

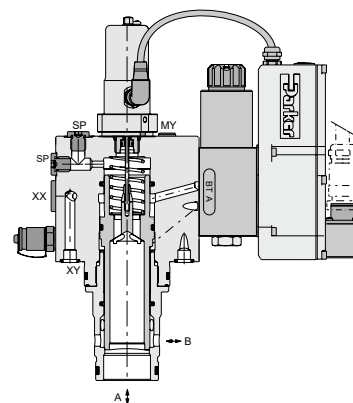
2-Way High Performance Proportional Throttle Valve – Series TDC

The Parker 2-way high performance proportional throttle valves series TDC is characterized by a precise control of high flows at high dynamics. Typical applications for TDC slip-in cartridge valves are injection molding and hydraulic presses.



Technical Specifications

Product Series:	Active Slip-In Cartridge Valve
Actuation Type:	Proportional
Operation Type:	Pilot
Function:	2-way
Mounting Position:	Unrestricted
Maximum Flow Rate:	Depending on size and flow characteristics, 700 - 4000 l/min
Maximum Operating Pressure:	350 bar
Maximum Operating Temperature:	60 °C
Minimum Operating Temperature:	-20 °C
For Fluid Type:	Hydraulic oil according to DIN 51524, water glycol
Seal Material:	NBR, FPM
Body Material:	Steel
Weight:	Depending on size, 11 - 26 kg



Ordering Information

Example:

TDC		E	S		9	C	2			0	
2-way high performance proportional throttle valves	Nominal size	Slip-in cartridge	Performance standard response for controlled specifications	Flow characteristics	Nominal flow	Flow direction B → A A → B	Pilot oil (supply external, drain external)	Seal	Command signal	Standard electronics	Design series (not required for ordering)

Leadtime:

Current lead times
20 working days ex-works,
check MyParker for latest status.



Product page

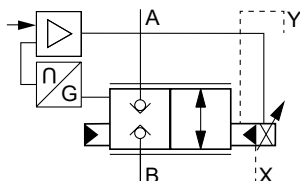


Catalogue

SLIP-IN CARTRIDGE VALVES

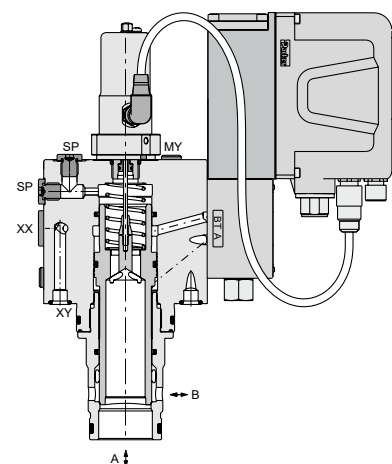
2-Way Servo Proportional Valve with VCD Technology – Series TDP

The pilot operated 2-way high response valves series TDP provide a precise control of high flows at maximum dynamics. Typical applications for these slip-in cartridge proportional throttle valves are die cast, injection molding and hydraulic presses.



Technical Specifications

Product Series:	Active Slip-In Cartridge Valve
Actuation Type:	VCD® actuator
Operation Type:	Pilot
Function:	2-way
Mounting Position:	Unrestricted
Maximum Flow Rate:	Depending on size and flow characteristics, 700 - 17000 l/min
Maximum Operating Pressure:	350 bar
Maximum Operating Temperature:	60 °C
Minimum Operating Temperature:	-20 °C
For Fluid Type:	Hydraulic oil according to DIN 51524, water glycol
Seal Material:	NBR, FPM
Body Material:	Steel
Weight:	Depending on size, 11 - 193 kg



Ordering Information

Example:

TDP		E	H		9	C	2			0	
2-way servo proportional valve with LVDT	Nominal size	Slip-in cartridge	Closed loop, VCD performance, integrated electronics	Flow characteristics	Nominal flow	Flow direction B → A A → B	Pilot oil (supply external, drain external)	Seal	Command signal	Standard electronics	Design series (not required for ordering)

Leadtime:

Current lead times
20 working days ex-works,
check MyParker for latest status.



Product page

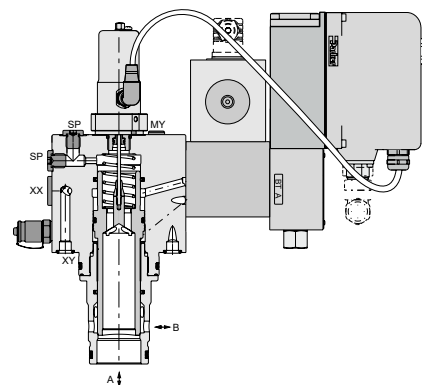
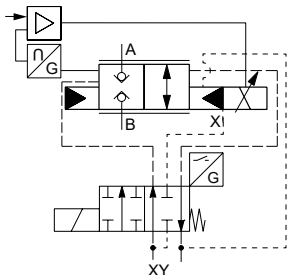


Catalogue

SLIP-IN CARTRIDGE VALVES

2-Way Servo Proportional Valve with Shut-off Valve – Series TEP

2-way high-response valves series TEP in cartridge design base on the TDP range and provide a precise control of high flows at maximum dynamics. Additionally, TEP valves are equipped with a direction control valve for shutting off the pilot system.



Technical Specifications

Product Series:	Active Slip-In Cartridge Valve
Actuation Type:	VCD® actuator
Operation Type:	Pilot
Function:	2-way
Mounting Position:	Unrestricted
Maximum Flow Rate:	Depending on size and flow characteristics, 700 - 17000 l/min
Maximum Operating Pressure:	350 bar
Maximum Operating Temperature:	50 °C
Minimum Operating Temperature:	-20 °C
For Fluid Type:	Hydraulic oil according to DIN 51524, water glycol
Seal Material:	NBR, FPM
Body Material:	Steel
Weight:	Depending on size, 11 - 157 kg

Ordering Information

Example:

TEP		E	H		9	C	2			7	J	
2-way servo proportional valve with shut-off valve and LVDT	Nominal size	Slip-in cartridge	Closed loop, VCD® performance, integrated electronics	Flow characteristics	Nominal flow	Flow direction B → A A → B	Pilot oil (supply external, drain external)	Seal	Command signal	With position control	Solenoid check valve 24 V= / 1.25 A	Design series (not required for ordering)

Leadtime:

Current lead times
20 working days ex-works,
check MyParker for latest status.



Product page

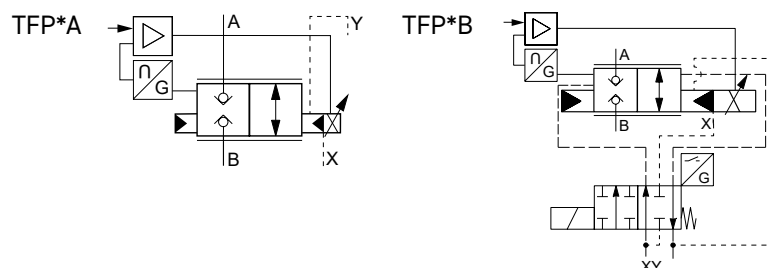


Catalogue

SLIP-IN CARTRIDGE VALVES

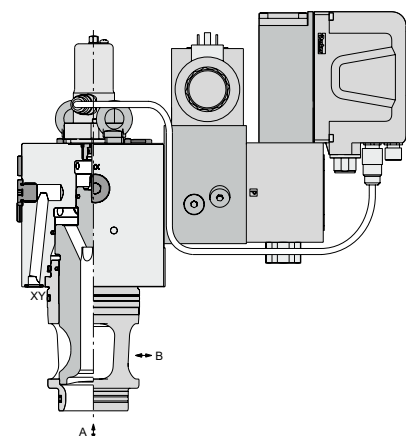
2-Way Servo Proportional Valve with VCD Technology – Series TFP

The proportional cartridge throttle valves series TFP provide outstanding flow rates and minimized pressure losses. They control highest flows precise and with maximum dynamics in applications like die cast, hydraulic presses and injection molding.



Technical Specifications

Product Series:	Active Slip-In Cartridge Valve
Actuation Type:	VCD® actuator
Operation Type:	Pilot
Function:	2-way
Mounting Position:	Unrestricted
Maximum Flow Rate:	Depending on size 1400 - 25000 l/min
Maximum Operating Pressure:	420 bar
Maximum Operating Temperature:	60 °C
Minimum Operating Temperature:	-20 °C
For Fluid Type:	Hydraulic oil according to DIN 51524, water glycol
Seal Material:	NBR, FPM
Body Material:	Steel
Weight:	Depending on size, 9-122 kg



Ordering Information

Example:

TFP			9	H	C					J	
2-way servo proportional valve with LVDT and optional shut-off valve	Nominal size	Function	Flow characteristics linear		Pilot oil	Seal	Command signal	Accessories	Solenoid check valve 24 V= / 1.25 A	Design series (not required for ordering)	

Leadtime:

Current lead times
20 working days ex-works,
check MyParker for latest status.



Product page

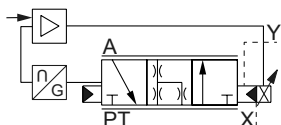


Catalogue

SLIP-IN CARTRIDGE VALVES

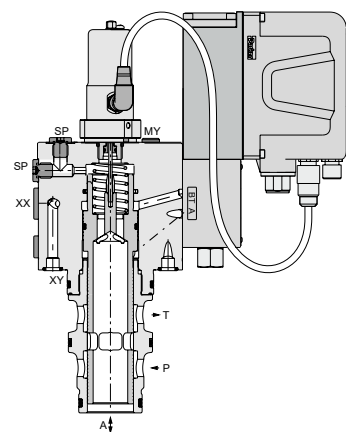
3-Way Servo Proportional Valve with VCD Technology – Series TPQ

The 3-way servo proportional valve with VCD technology series TPQ are used in applications where high flow has to be precisely controlled at maximum dynamics. Typical applications are die casting, injection moulding and hydraulic presses.



Technical Specifications

Product Series:	Active Slip-In Cartridge Valve
Actuation Type:	VCD® actuator
Operation Type:	Pilot
Function:	3-way
Mounting Position:	Unrestricted
Maximum Flow Rate:	Depending on size and flow characteristics, 500 - 6500 l/min
Maximum Operating Pressure:	350 bar
Maximum Operating Temperature:	60 °C
Minimum Operating Temperature:	-20 °C
For Fluid Type:	Hydraulic oil according to DIN 51524, water glycol
Seal Material:	NBR, FPM
Body Material:	Steel
Weight:	Depending on size, 11 - 157 kg



Ordering Information

Example:

TPQ		W	H	2	6		2			0	
3-way servo proportional valve with LVDT	Nominal size	Parker Slip-in cartridge	Closed loop, VCD performance, integrated electronics	Linear spool	Nominal flow	Spool type	Pilot oil supply external, drain external	Seal	Input signal	Standard electronics	Design series (not required for ordering)

Leadtime:

Current lead times
20 working days ex-works,
check MyParker for latest status.



Product page

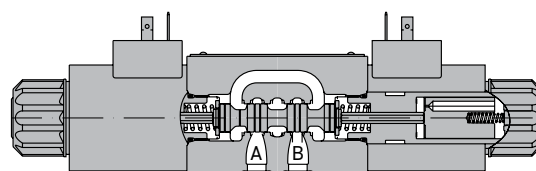
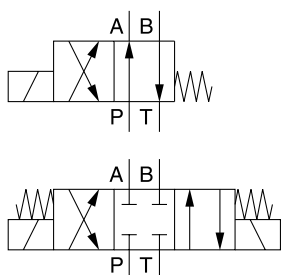


Catalogue

DIRECTIONAL CONTROL VALVES

Directional Control Valve – Series D1VW

The D1VW in NG06 (CETOP 03) is an on/off valve which provides high functional limits in combination with a very low, energy-saving pressure drop. A wide variety of spool options allows to design an unlimited number of hydraulic circuits.



Technical Specifications

Product Series:	Directional control valve
Actuation Type:	Solenoid
Operation Type:	Direct
Function:	Depending on configuration, 4/3-way, 4/2-way
Mounting Type:	Subplate mounting
Mounting Position:	Unrestricted, preferably horizontal
Maximum Flow Rate:	Depending on spool, 20 - 80 l/min
Connection Type:	Connector as per EN 175301-803
Maximum Operating Pressure:	350 bar
Maximum Operating Temperature:	60 °C
Minimum Operating Temperature:	Depending on seal type, -20, -25 °C
For Fluid Type:	Hydraulic oil according to DIN 51524, water glycol
Seal Material:	NBR, FPM
Body Material:	Cast iron
Weight:	Depending on configuration, 1.5 - 2.7 kg

Ordering Information

Example:

D	1	V	W					W		
Directional control valve	Size DIN NG06 CETOP 03 NFPA D03	3-chamber valve	Wet pin armature solenoid, threaded in tube	Spool type	Spool position	Seals	Solenoid voltage	Solenoid connector as per EN 175301-803, without plug (other connectors are available for D1MW Series)	Solenoid option	Design series (not required for ordering)

Leadtime:

Current lead times
2 working days ex-works,
check MyParker for latest status.



Product page

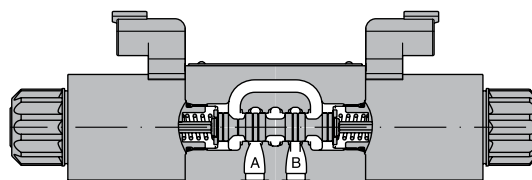
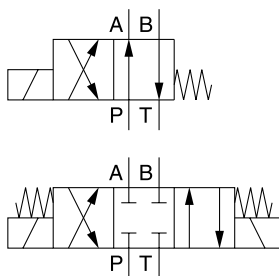


Catalogue

DIRECTIONAL CONTROL VALVES

Directional Control Valve – Series D1MW

Parker's directional control valves series D1MW (NG06) is optimally suited for mobile applications due to an excellent surface protection. They provide high flow rates and a wide range of connector versions.



Technical Specifications

Product Series:	Directional control valve
Actuation Type:	Solenoid
Operation Type:	Direct
Function:	4/3-way, 4/2-way
Mounting Position:	Unrestricted, preferably horizontal
Maximum Flow Rate:	80 l/min
Maximum Operating Pressure:	350 bar
Maximum Operating Temperature:	60 °C
Minimum Operating Temperature:	Depending on size and flow characteristics, -20, -25 °C
For Fluid Type:	Hydraulic oil according to DIN 51524, water glycol
Seal Material:	NBR, FPM
Body Material:	Cast iron
Weight:	1.5 (1 solenoid), 2.1 (2 solenoids) kg

Ordering Information

Example:

D	1	M	W									
Directional control valve	Size DIN NG06 CETOP 03 NFPA D03	3-chamber valve	Wet pin armature solenoid, threaded in tube	Spool type	Spool position	Seals	Solenoid voltage	Connection	Solenoid options	Surface protection	Design series (not required for ordering)	

Leadtime:

Current lead times
2 working days ex-works,
check MyParker for latest status.



Product page

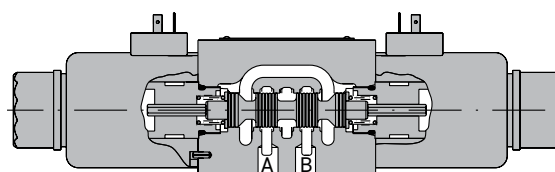
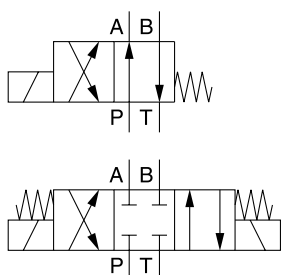


Catalogue

DIRECTIONAL CONTROL VALVES

Directional Control Valve – Series D3W

The NG10 direct operated directional control valve series D3W provides high functional limits up to 150 l/min in combination with a low, energy saving pressure drop.



Technical Specifications

Product Series:	Directional control valve
Actuation Type:	Solenoid
Operation Type:	Direct
Function:	Depending on configuration, 4/3-way, 4/2-way
Mounting Type:	Subplate mounting
Maximum Operating Pressure:	350 bar
Maximum Flow Rate:	Depending on spool, 60 - 150 l/min
Maximum Operating Temperature:	60 °C
Minimum Operating Temperature:	Depending on seal type, -20, -25 °C
For Fluid Type:	Hydraulic oil according to DIN 51524, water glycol
Seal Material:	NBR, FPM
Body Material:	Cast iron
Weight:	Depending on size, 4.8 - 6.3 kg

Ordering Information

D	3	W					W			
Directional control valve	Size DIN NG10 CETOP 05 NFPA D05	Wet pin solenoid	Spool type	Spool position	Seals	Solenoid voltage	Connector as per EN 175301-803, without plug (Please order plug separately)	Solenoid option	Shift response	Design series (not required for ordering)

Leadtime:

Current lead times
2 working days ex-works,
check MyParker for latest status.



Product page

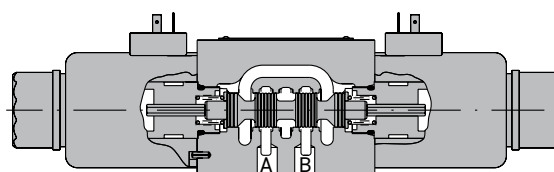
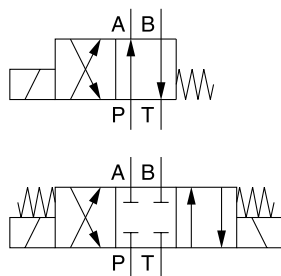


Catalogue

DIRECTIONAL CONTROL VALVES

Directional Control Valve – Series D3MW

Parker's directional control valves series D3MW (NG10) is optimally suited for mobile applications due to an excellent surface protection. They provide high flow rates and a wide range of connector versions.



Technical Specifications

Product Series:	Directional control valve
Actuation Type:	Solenoid
Operation Type:	Direct
Function:	2-way, 3-way
Mounting Position:	Unrestricted, preferably horizontal
Maximum Flow Rate:	150 l/min
Maximum Operating Pressure:	350 bar
Maximum Operating Temperature:	60 °C
Minimum Operating Temperature:	-25 °C
For Fluid Type:	Hydraulic oil according to DIN 51524, water glycol
Seal Material:	NBR, FPM
Body Material:	Cast iron
Weight:	4.8 (1 solenoid), 6.3 (2 solenoids) kg

Ordering Information

Example:

D	3	M	W								
Directional control valve	Size DIN NG10 CETOP 05 NFFPA D05	3-chamber valve	Wet pin solenoid	Spool type	Spool position	Seals	Solenoid voltage	Connection	Solenoid options	Surface protection	Design series (not required for ordering)

Leadtime:

Current lead times
2 working days ex-works,
check MyParker for latest status.



Product page

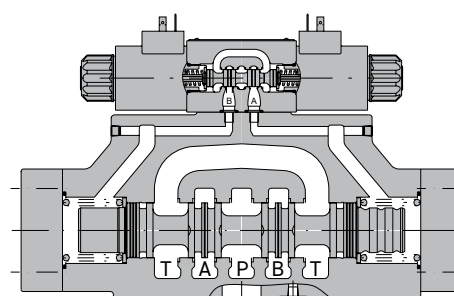
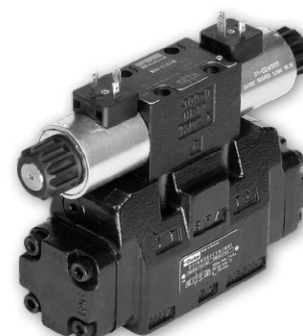
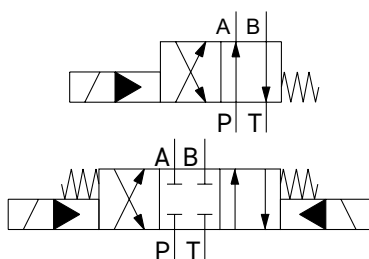


Catalogue

DIRECTIONAL CONTROL VALVES

Pilot Operated Directional Control Valve – Series D*1*W

Setting standards for pilot operated on-/off valves in terms of functional limits and pressure drop, Parker's series D31DW, D31NW, D*1VW are suitable for practically any industrial application.



Technical Specifications

Product Series:	Directional control valve
Actuation Type:	Solenoid
Operation Type:	Pilot
Function:	4/3-way, 4/2-way
Connection Type:	Connector as per EN 175301-803
Maximum Flow Rate:	Depending on size, 150 - 2000 l/min
Maximum Operating Pressure:	350 bar
Maximum Operating Temperature:	60 °C
Minimum Operating Temperature:	Depending on configuration, -20, -25 °C
For Fluid Type:	Hydraulic oil according to DIN 51524, water glycol
Seal Material:	NBR, FPM
Body Material:	Cast iron
Weight:	Depending on size, 6.0 - 68.0 kg

Ordering Information

Example:



Series



Spool type



Spool position



Pilot oil supply and drain options



Seals



Solenoid voltage



Connector as per EN 175301-803, without plug (Please order plug separately)



Solenoid option



Accessories



Design series (not required for ordering)

Leadtime:

Current lead times
5 working days ex-works,
check MyParker for latest status.



Product page

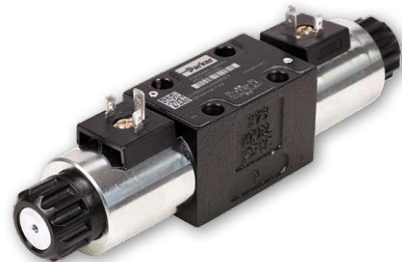
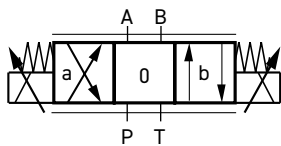


Catalogue

PROPORTIONAL DIRECTIONAL CONTROL VALVES

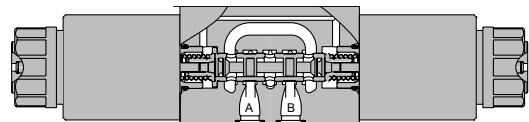
Direct Operated Proportional Directional Control Valve – Series D1FB/D3FB

Parker's proven direct operated proportional DC valves series D1FB (NG06) / D3FB (NG10) are universally applicable, provide high repeatability and low hysteresis.



Technical Specifications

Product Series:	Proportional DC valve
Actuation Type:	Proportional solenoid
Operation Type:	Direct
Function:	4/3-way, 4/2-way
Mounting Type:	Subplate mounting
Mounting Position:	Unrestricted
Electronics Type:	External
Pressure Differential:	5 bar
Maximum Operating Pressure:	350 bar
Maximum Operating Temperature:	60 °C
Minimum Operating Temperature:	-20 °C
For Fluid Type:	Hydraulic oil (according to DIN 51524 ... 535)
Seal Material:	NBR, FPM
Body Material:	Cast iron
Weight:	D1FB: 2.2, D3FB: 6.5 kg



Ordering Information

Example:

D		F	B			0	N				
Directional control valve	Size	Proportional control	Standard dynamics standard repeatability	Spool type	Spool position		Seals NBR (other seal compounds on request)	Solenoid	Connector	Design	Design series (not required for ordering)

Leadtime:
Current lead times
5 working days ex-works,
check MyParker for latest status.



Product page



Catalogue D1FB

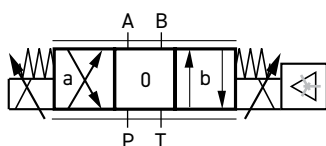


Catalogue D3FB

PROPORTIONAL DIRECTIONAL CONTROL VALVES

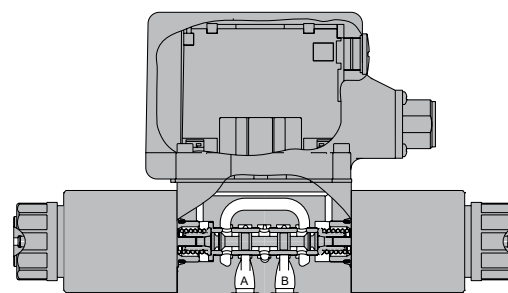
Direct Operated Proportional Directional Control Valve – Series D1FB/D3FB OBE

Parker's proven direct operated proportional directional control valves series D1FB OBE (NG06) / D3FB OBE (NG10) are universally applicable. The standard performance valves with onboard electronics provide high repeatability and low hysteresis.



Technical Specifications

Product Series:	Proportional DC valve
Actuation Type:	Proportional solenoid
Operation Type:	Direct
Function:	4/3-way, 4/2-way
Mounting Type:	Subplate mounting
Mounting Position:	Unrestricted
Pressure Differential:	5 bar
Maximum Operating Pressure:	350 bar
Maximum Operating Temperature:	60 °C
Minimum Operating Temperature:	-25 °C
For Fluid Type:	Hydraulic oil
Seal Material:	NBR, FPM
Body Material:	Cast iron
Weight:	D1FB OBE: 2.9, D3FB OBE: 7.2 kg



Ordering Information

Example:

D		F	B			0	N				
Directional control valve	Size	Proportional control	Standard dynamics standard repeatability	Spool type	Spool position	Seals NBR (other seal compounds on request)	Input signal	Options	Design	Design series (not required for ordering)	

Leadtime:

Current lead times
5 working days ex-works,
check MyParker for latest status.



Product page

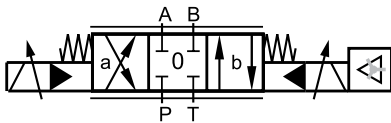


Catalogue

PROPORTIONAL DIRECTIONAL CONTROL VALVES

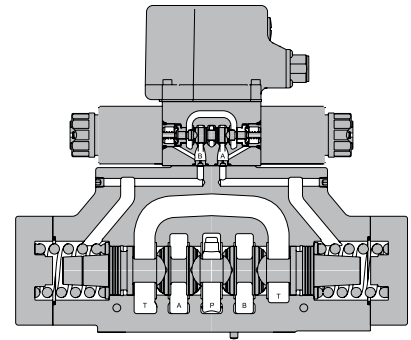
Pilot Operated Proportional Directional Control Valve – Series D*1FB

Parker's proven standard performance pilot operated proportional DC valves series D*1FB are universally applicable and provide progressive flow characteristics for sensitive flow rate adjustment.



Technical Specifications

Product Series:	Proportional DC valve
Actuation Type:	Proportional, solenoid
Operation Type:	Pilot
Function:	4/3-way, 4/2-way
Mounting Type:	Subplate mounting
Mounting Position:	Unrestricted
Maximum Pilot Pressure:	350 bar
Flow Rate:	Depending on size, 75 up to 1000 l/min
Power Supply Voltage:	18 to 30 VDC ripple < 5 % eff., surge free
Maximum Operating Pressure:	350 bar
Maximum Operating Temperature:	60 °C
Minimum Operating Temperature:	-20 (standard version with NBR seal: -25) °C
For Fluid Type:	Hydraulic oil (according to DIN 51524 ... 535), water glycol
Seal Material:	NBR, FPM
Body Material:	Cast iron
Weight:	Depending on size, 8.6 to 69.3 kg



Ordering Information

Example:

D		1	F	B									
Directional control valve	Size	NG06 pilot	Proportional control	Dynamics standard	Function	Flow	Spool position	Pilot connection	Seal	Solenoid description (other voltage on request)	Electronic options	Valve options	Design series (not required for ordering)

Leadtime:

Current lead times
5 working days ex-works,
check MyParker for latest status.



Product page

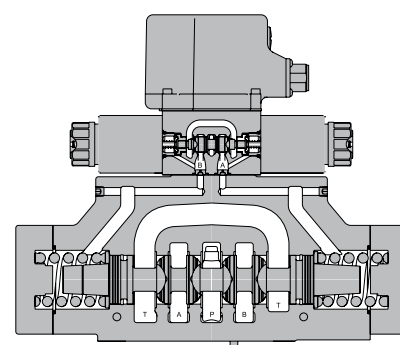
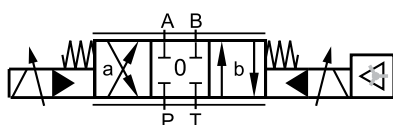


Catalogue

PROPORTIONAL DIRECTIONAL CONTROL VALVES

Pilot Operated Proportional Directional Control Valve – Series D*1FB OBE

Parker's proven standard performance pilot operated proportional DC valves series D*1FB with onboard electronics are universally applicable and feature progressive flow characteristics for sensitive flow rate adjustment.



Technical Specifications

Product Series:	Proportional DC valve
Actuation Type:	Proportional solenoid
Operation Type:	Pilot
Function:	4/3-way, 4/2-way
Mounting Type:	Subplate mounting
Mounting Position:	Unrestricted
Maximum Pilot Pressure:	350 bar
Flow Rate:	Depending on size, 75 up to 1000 l/min
Power Supply Voltage:	18 to 30 VDC ripple < 5 % eff., surge free
Maximum Operating Pressure:	350 bar
Maximum Operating Temperature:	60 °C
Minimum Operating Temperature:	-20 °C
For Fluid Type:	Hydraulic oil (according to DIN 51524 ... 535), Water glycol
Seal Material:	NBR, FPM
Body Material:	Cast iron
Weight:	Depending on size, 9.3 to 68.7 kg

Ordering Information

Example:

D		1	F	B										
Directional control valve	Size	NG06 pilot	Proportional control	Dynamics standard	Function	Flow	Spool position	Pilot connection	Seal	Solenoid description (other voltage on request)	Electronic options	Valve options	Design series (not required for ordering)	

Leadtime:

Current lead times
5 working days ex-works,
check MyParker for latest status.



Product page

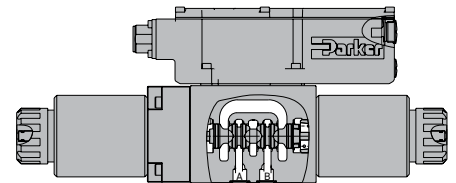
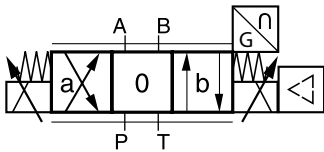


Catalogue

PROPORTIONAL DIRECTIONAL CONTROL VALVES

Direct Operated Proportional Directional Control Valve – Series D1FC/D3FC

Representing cutting-edge technology, Parker's new compact D1FC (NG06) / D3FC (NG10) provide optimized process speed with high dynamics and flow for various applications.



Technical Specifications

Product Series:	Proportional DC valve
Actuation Type:	Proportional solenoid
Operation Type:	Direct
Mounting type:	Subplate mounting
Mounting Position:	Unrestricted
Maximum Operating Pressure:	350 bar
Pressure Differential:	5 bar
Power Supply Voltage:	18 to 30 VDC electric shut-off at < 17, ripple < 5 % eff., surge free
Maximum Operating Temperature:	60 °C
Minimum Operating Temperature:	-25 °C
For Fluid Type:	Hydraulic oil according to DIN 51524 ... 535, water glycol
Seal Material:	NBR, FPM
Body Material:	Cast iron
Weight:	D1FC: 3.4 kg, D3FC: 7.7 kg

Ordering Information

Example:

D		F	C			9				3	
Directional operated DC valve	Size	Proportional control	High dynamics	Spool type	Spool position on power down	Drain port Y plugged	Seal	Command signal	Electronic options	Spool/body design	Design series (not required for ordering)

Leadtime:
Current lead times
5 working days ex-works,
check MyParker for latest status.



Product page



Catalogue D1FC

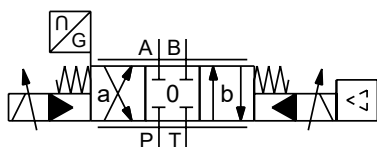


Catalogue D3FC

PROPORTIONAL DIRECTIONAL CONTROL VALVES

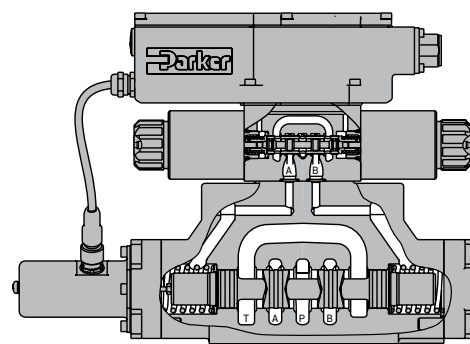
Pilot Operated Proportional Directional Control Valve – Series D*1FC

With a high-definition position feedback system and an excellent price-performance ratio, Parker's pilot operated proportional directional control valves series D*1FC offer numerous competitive advantages for users.



Technical Specifications

Product Series:	Proportional DC valve
Actuation Type:	Proportional solenoid
Operation Type:	Pilot
Function:	Proportional 4/3-way
Mounting Type:	Subplate mounting
Mounting Position:	Unrestricted
Maximum Pilot Pressure:	350 bar
Maximum Operating Pressure:	350 bar
Flow Rate:	90 up to 1000 l/min
Maximum Ambient Temperature:	60 °C
Minimum Ambient Temperature:	-25 °C
Maximum Fluid Temperature:	60 °C
Minimum Fluid Temperature:	-25 NBR, -20 FPM °C
For Fluid Type:	Hydraulic oil according to DIN 51524 ... 535, water glycol
Seal Material:	NBR, FPM
Body Material:	Cast iron
Weight:	Depending on size: 9 to 68.5 kg, depending on size kg



Ordering Information

Example:

D		1	F	C			C							
Directional control valve	Size	NG06 pilot	Proportional control	Integrated electronics with position feedback	Function	Flow	Spool position on power down	Pilot connection	Seal	Command signal	Electronic options	Valve options	Design series (not required for ordering)	

Leadtime:

Current lead times
5 working days ex-works,
check MyParker for latest status.



Product page

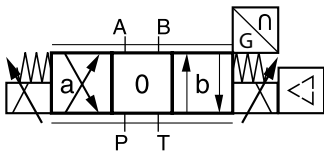


Catalogue

PROPORTIONAL DIRECTIONAL CONTROL VALVES

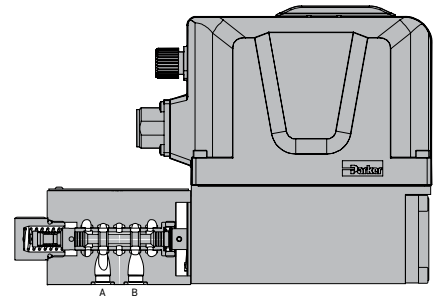
Direct Operated Proportional Directional Control Valve – Series D1FP/D3FP

Direct operated DFplus control valves D1FP in NG06 (CETOP 03) and D3FP in NG10 (CETOP 05) meet highest requirements in terms of dynamics combined with high flow. The preferred choice for demanding hydraulic controls!



Technical Specifications

Product Series:	Proportional DC valve
Actuation Type:	VCD®-actuator
Operation Type:	Direct
Function:	Proportional, 4/3-way
Mounting Type:	Subplate mounting
Mounting Position:	Unrestricted
Pressure Differential:	35 bar
Power Supply Voltage:	24 VDC nominal (tolerance range 22 ... 30), electric shut-off at < 19, ripple < 5 % eff., surge free
Maximum Operating Pressure:	350 bar
Maximum Operating Temperature:	60 °C
Minimum Operating Temperature:	-25 °C
For Fluid Type:	Hydraulic Oil according to DIN 51524 ... 535, water glycol
Seal Material:	NBR, FPM, for HFC fluid
Body Material:	Cast iron
Weight:	D1FP: 3.6 kg, D3FP: 6.5 kg



Ordering Information

Example:

D		F	P			9				0	
Directional operated DC valve	Size	Proportional control	VCD	Spool type	Spool position on power down	Y-port (plugged)	Seals	Command signal	Electronic options	Spool/sleeve design	Design series (not required for ordering)

Leadtime:
Current lead times
5 working days ex-works,
check MyParker for latest status.



Product page



Catalogue D1FP

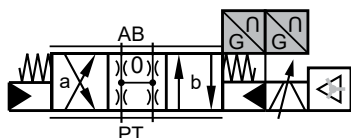


Catalogue D3FP

PROPORTIONAL DIRECTIONAL CONTROL VALVES

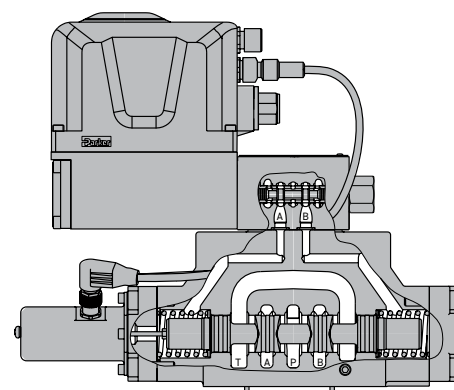
Pilot Operated Proportional Directional Control Valve – Series D*1FP

Parker's pilot operated servo proportional directional control valve series D*1FP is the ultimate choice for demanding hydraulic applications.



Technical Specifications

Product Series:	Proportional DC valve
Actuation Type:	VCD®-actuator
Operation Type:	Pilot
Function:	Proportional 4/3-way
Mounting Type:	Subplate mounting
Mounting Position:	Unrestricted
Maximum Operating Pressure:	350 bar
Flow Rate:	90 up to 1000 l/min
Maximum Flow Rate:	3000 l/min
Maximum Pilot Pressure:	350 bar
Maximum Ambient Temperature:	60 °C
Minimum Ambient Temperature:	-20 °C
Maximum Fluid Temperature:	60 °C
Minimum Fluid Temperature:	-20 FPM °C
For Fluid Type:	Hydraulic oil according to DIN 51524 ... 535, Water glycol
Seal Material:	NBR, FPM
Body Material:	Cast iron
Weight:	Depending on size: 11.3 to 64.5 kg



Ordering Information

Example:

D		1	F	P								0	
Directional control valve	Size	NG06 pilot	Proportional control	VCD performance	Spool type	Flow	Spool position on power down	Pilot connections	Seals	Command signal	Electronic options	Valve options	Design series (not required for ordering)

Leadtime:

Current lead times
5 working days ex-works,
check MyParker for latest status.



Product page

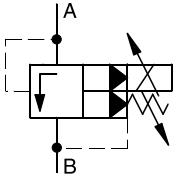


Catalogue

PRESSURE VALVES

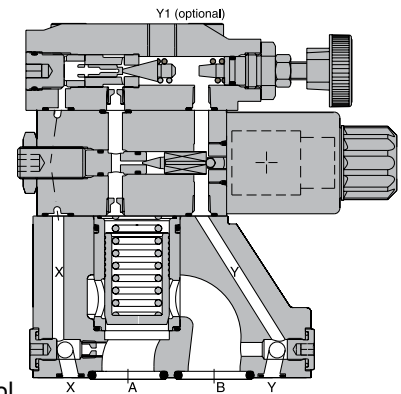
Pilot Operated Pressure Relief Valve, Subplate Mounting – Series R4V/R6V/R4V/R6V Proportional

Parker pilot operated pressure relief valves for subplate mounting series R4V/R6V provide an outstanding constant pressure behaviour. Series R4V/R6V Proportional enables a continuous pressure adjustment by the additional proportional unit.



Technical Specifications

Product Series:	Pressure valve
Actuation Type:	Manual, solenoid
Operation Type:	Pilot
Maximum Operating Pressure:	Port A, X 350; port B, Y 30, Port P, X 350; port T, Y 30 bar
Pressure Control Range:	105, 210, 350 bar
Flow Rate:	Depending on size, 90 - 650 l/min
Maximum Operating Temperature:	60 °C
Minimum Operating Temperature:	-20 °C
For Fluid Type:	Hydraulic oil according to DIN 51524, water glycol
Seal Material:	NBR, FPM
Body Material:	Cast iron
Weight:	2.7 to 9.2 kg, depending on size and configuration



Ordering Information

Example:

R		V		5						G0R				
Pressure valve	Interface	Relief function	Nominal size	Max. pressure (350 bar)	Drain port	Pressure stages	Mechanical adjustments	Pilot oil	Options	Solenoid voltage 12 V/2.3 A	Design	Seals	Design series (not required for ordering)	Modifications

Leadtime:

Current lead times
5 working days ex-works,
check MyParker for latest status.



Product page

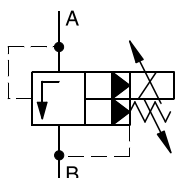


Catalogue

PRESSURE VALVES

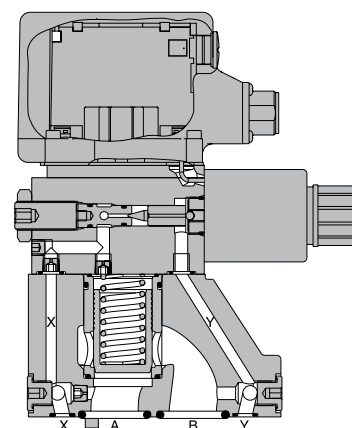
Pilot Operated Proportional Pressure Relief Valve, Subplate Mounting – Series R4V/R6V OBE

The pilot operated proportional pressure relief valves R4V/R6V OBE form a compact unit with the integrated electronics. They provide an excellent balanced pressure behaviour.



Technical Specifications

Product Series:	Pressure valve
Actuation Type:	Proportional
Operation Type:	Pilot
Mounting Type:	Subplate mounting
Flow Rate:	Depending on size and valve type, 90 - 650 l/min
Maximum Operating Pressure:	Ports P (or A) and X up to 350, port T (or B) and Y 30 bar
Pressure Control Range:	105, 210, 350 bar
Maximum Operating Temperature:	60 °C
Minimum Operating Temperature:	-20 °C
For Fluid Type:	Hydraulic oil according to DIN 51524, water glycol
Seal Material:	NBR, FPM
Body Material:	Cast iron
Weight:	4.5 to 8.6 kg, depending on size



Ordering Information

Example:

R		V		5			P							
Pressure valve	Interface	Relief function	Nominal size	Max. pressure (350 bar)	Drain port	Pressure setting range	Proportional operation	Pilot oil	Options	Command signal	Design	Seals	Design series (not required for ordering)	Modifications

Leadtime:

Current lead times
5 working days ex-works,
check MyParker for latest
status.



Product page

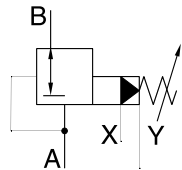


Catalogue

PRESSURE VALVES

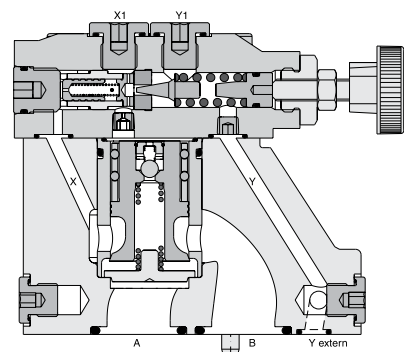
Pilot Operated Pressure Reducing Valve, Subplate Mounting – Series R4R / R4R*P2

Parker subplate mounted pilot operated pressure reducing valves series R4R ensure a constant pressure in the secondary part of the hydraulic system. Series R4R*P2 enables a continuous adjustment by the proportional solenoid operated pilot stage.



Technical Specifications

Product Series:	Pressure valve
Actuation Type:	Manual, solenoid
Mounting Type:	Subplate mounting
Maximum Operating Pressure:	Ports A, B, X 350 bar; port Y depressurized
Maximum Pressure:	350 bar
Drain Option:	Drain line external from pilot head (Y1)
Flow Rate:	Depending on size, 150 - 500 l/min
Maximum Operating Temperature:	60 °C
Minimum Operating Temperature:	-20 °C
Seal Material:	NBR, FPM
Body Material:	Cast iron
Weight:	2.7. to 13.5 kg



Ordering Information

Example:

R	4	R		5	9		P					
Pressure valve	Interface	Reducing function	Nominal size	Max. pressure (350 bar)	Pilot ports G1/4"	Pressure setting range	Adjustment	Pilot oil	Design series	Seals	Modifications	

R	4	R		5	9				P2	G0R	B		
Pressure valve	Interface	Reducing function	Nominal size	Max. pressure (350 bar)	Pilot ports G1/4"	Pressure setting range	Adjustment	Pilot oil	Prop. operation	Solenoid voltage 12 V, 2.3 A	Design series	Seals	Modifications

Leadtime:

Current lead times
5 working days ex-works,
check MyParker for latest status.



Product page



Catalogue R4R

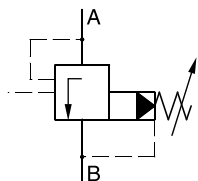


Catalogue R4R Prop.

PRESSURE VALVES

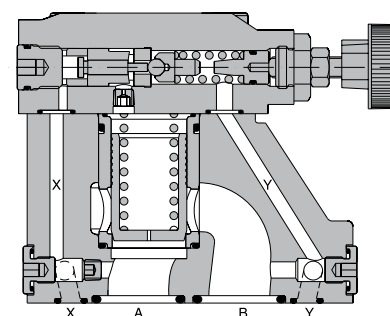
Unloading Valve, Subplate Mounting – Series R4U

Subplate mounted unloading valves series R4U are used to unload a circuit to low pressure.



Technical Specifications

Product Series:	Pressure valve
Actuation Type:	Manually
Operation Type:	Pilot
Mounting Type:	Subplate mounting
Frequency:	N/A, 50/60 Hz
Flow Rate:	Depending on size, 150 - 650 l/min
Maximum Operating Pressure:	Port A, X 350 bar; port B, Y depressurized
Maximum Pressure Setting:	105, 210, 350 bar
Maximum Operating Temperature:	60 °C
Minimum Operating Temperature:	-20 °C
For Fluid Type:	Hydraulic oil according to DIN 51524, water glycol
Seal Material:	NBR, FPM
Body Material:	Cast iron
Weight:	2.7 to 7.7 kg, depending on size and configuration



Ordering Information

Example:

R	4	U		5	3				A		
Pressure valve	Interface	Unloading function	Nominal size	Max. pressure (350 bar)	Body design	Pressure stages	Adjustments	Pilot oil	Design series	Seals	Modifications

Leadtime:

Current lead times
5 working days ex-works,
check MyParker for latest status.



Product page

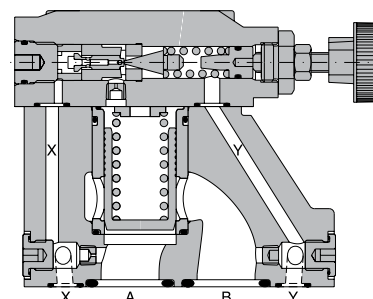
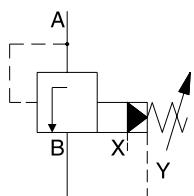


Catalogue

PRESSURE VALVES

Pilot Operated Sequence Valve, Subplate Mounting – Series R4S

Subplate mounted sequence valves series R4S enable a hydraulic system to operate in a pressure sequence.



Technical Specifications

Product Series:	Pressure valve
Actuation Type:	Manually
Operation Type:	Pilot operated
Mounting Type:	Subplate mounting
Maximum Operating Pressure:	Port A, B, X 350; port Y depressurized
Flow Rate:	Depending on size, 150 - 650 l/min
Maximum Pressure:	350 bar
Drain Option:	External drain from subplate
Maximum Operating Temperature:	60 °C
Minimum Operating Temperature:	-20 °C
Seal Material:	NBR, FPM
Body Material:	Cast iron
Weight:	2.7 to 6.0 kg, depending on size

Ordering Information

Example:

R	4	S		5	3			1	A	
Pressure valve	Interface	Relief function	Nominal size	Max. pressure (350 bar)	Body design	Pressure stages	Adjustments	External drain from subplate	Design series	Seal

Leadtime:

Current lead times
5 working days ex-works,
check MyParker for latest status.



Product page

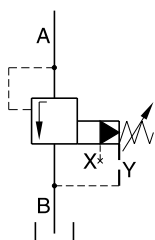


Catalogue

PRESSURE VALVES

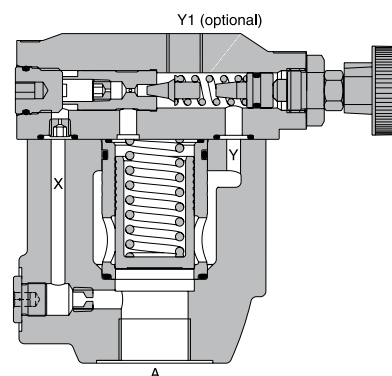
Pilot Operated Pressure Relief Valve, In-line Mounting – Series R4V/R4V*P2

Parker pilot operated pressure relief valves for in-line mounting series R4V provide an outstanding constant pressure behaviour. Series R4V*P2 enables a continuous pressure adjustment by the additional proportional unit.



Technical Specifications

Product Series:	Pressure valve
Actuation Type:	Manual, solenoid
Operation Type:	Pilot
Mounting Type:	Pipe mounting
Maximum Operating Pressure:	Ports A, X 350; port B, Y 30 bar
Pressure Control Range:	105, 210, 350 bar
Flow Rate:	Depending on size, 90 - 650 l/min
Maximum Operating Temperature:	60 °C
Minimum Operating Temperature:	-20 °C
For Fluid Type:	Hydraulic oil according to DIN 51524, water glycol
Seal Material:	NBR, FPM
Body Material:	Cast iron
Weight:	3.2 to 8.4 kg, depending on size



Ordering Information

Example:

R4V		5							A			
Pressure relief valve	Nominal size	Max. pressure (350 bar)	Body	Pressure stages	Adjustment	Drain line	Switching type	Solenoid voltage	Design	Seals	Design series (not required for ordering)	Options
R4V		5					P2	G0R	A			
Proportional pressure relief valve	Size	Max. pressure (350 bar)	Body	Pressure stages	Adjustment	Drain line	Proportional pressure control	Solenoid voltage	Design	Seals	Design series (not required for ordering)	Options

Leadtime:
Current lead times
5 working days ex-works,
check MyParker for latest
status.



Product page



Catalogue R4V

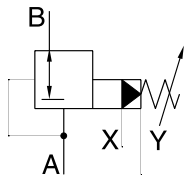


Catalogue R4V*P2

PRESSURE VALVES

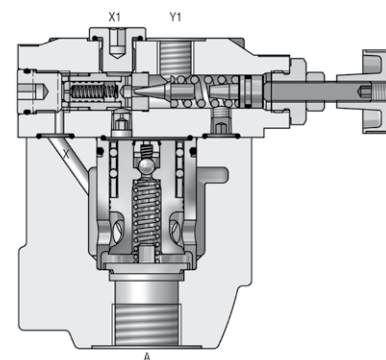
Pilot Operated Pressure Reducing Valve, In-Line Mounting – Series R4R/R4R*P2

Parker in-line mounted pilot operated pressure reducing valves series R4R ensure a constant pressure in the secondary part of the hydraulic system. Series R4R*P2 enables a continuous adjustment by the proportional solenoid operated pilot stage.



Technical Specifications

Product Series:	Pressure valve
Actuation Type:	Manual, solenoid
Mounting Type:	Pipe mounting
Maximum Operating Pressure:	Ports A, B, X 350; port Y depressurized
Maximum Pressure:	350 bar
Drain Option:	Drain line external from pilot head (Y1)
Flow Rate:	Depending on size, 60 - 450 l/min
Maximum Operating Temperature:	60 °C
Minimum Operating Temperature:	-20 °C
Seal Material:	NBR, FPM
Body Material:	Cast iron
Weight:	3.2 to 8.4 kg



Ordering Information

Example:

R4R		5				2				B		
Pressure reducing valve	Nominal size	Max. pressure 350 bar	Body	Pressure stages	Adjustment	Drain line ext. from pilot head (Y1)	Switching type	Solenoid voltage	Design series	Seal	Options	
R4R		5				2	P2	G0R	B			
Pressure reducing valve	Nominal size	Max. pressure 350 bar	Body	Pressure stages	Adjustment	Drain line ext. from pilot head (Y1)	Proportional pressure control	Solenoid voltage	Design series	Seal	Options	

Leadtime:

Current lead times
5 working days ex-works,
check MyParker for latest status.



Product page

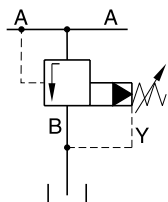


Catalogue

PRESSURE VALVES

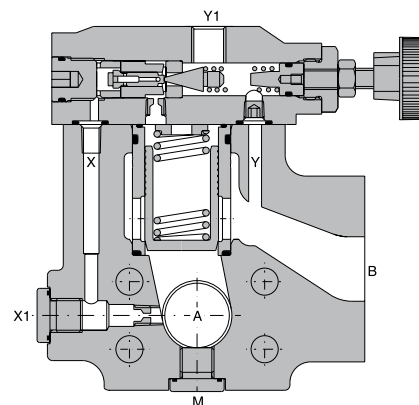
Pilot Operated Pressure Relief Valve, SAE Flange – Series R5V/R5V*P2

Parker pilot operated pressure relief valves series R5V and R5V*P2 provide an outstanding constant pressure behavior. The SAE flanges allow to mount the valves directly on the flanges of pumps or actuators to achieve a very compact design.



Technical Specifications

Product Series:	Pressure valve
Actuation Type:	Manual, solenoid
Operation Type:	Pilot
Mounting Type:	Flanged according to SAE61 and SAE62, depending on size
Flow Rate:	Depending on size, 90 - 600 l/min
Pressure Control Range:	105, 210, 350 bar
Maximum Operating Pressure:	Depending on size, 210 - 350 bar
Maximum Operating Temperature:	60 °C
Minimum Operating Temperature:	-20 °C
For Fluid Type:	Hydraulic oil according to DIN 51524, water glycol
Seal Material:	NBR, FPM
Body Material:	Cast iron
Weight:	3.6 to 9.8 kg, depending on size and configuration



Ordering Information

Example:

R5V			9						A			
Pressure relief valve	Nominal size	SAE interface	Pilot port pilot ports Y1, X1, M = G1/4"	Pressure stages	Adjustment	Pilot oil	Switching type	Solenoid voltage	Design series	Seals	Design series (not required for ordering)	Options
R5V			9						A			
Proportional pressure relief valve	Nominal size	SAE interface	Body pilot ports Y1, X1, M = G1/4"	Pressure stages	Adjustment	Pilot oil	Proportional pressure control	Solenoid voltage 12 V, 2.1 A	Design	Seals	Design series (not required for ordering)	Options

Leadtime:
Current lead times
5 working days ex-works,
check MyParker for latest status.



Product page

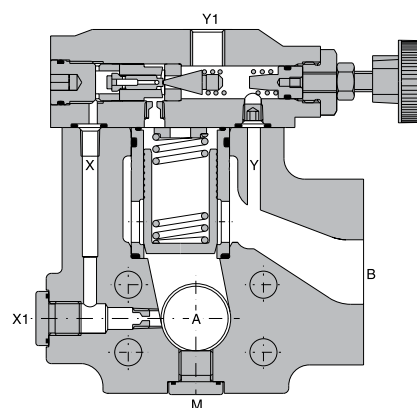
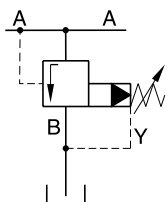


Catalogue

PRESSURE VALVES

Pilot Operated Pressure Unloading Valve, SAE Flange – Series R5U

Parker pilot operated pressure unloading valves series R5U are particularly suitable for unloading a circuit to low pressure. The SAE flanges allow to mount the valve directly on the outlet flanges of pumps to achieve a very compact design



Technical Specifications

Product Series:	Pressure valve
Actuation Type:	Solenoid, manually
Operation Type:	Pilot
Mounting Type:	Flanged according to SAE61
Body Type:	3-port, M, Y1, X = G 1/4
Flange Size:	SAE61
Frequency:	N/A, 50/60 Hz
Maximum Operating Pressure:	Depending on size, 210 - 350 bar
Maximum Pressure Setting:	210, 350 bar
Flow Rate:	Depending on size, 90 - 600 l/min
Maximum Operating Temperature:	60 °C
Minimum Operating Temperature:	-20 °C
For Fluid Type:	Hydraulic oil according to DIN 51524, water glycol
Seal Material:	NBR, FPM
Body Material:	Cast iron
Weight:	3.6 to 9.7 kg, depending on size

Ordering Information

Example:

R5U			9						A		
Pressure unloading valve	Nominal size	SAE61 interface	3-port body (M, Y1, X = G 1/4")	Pressure stages	Adjustment	Pilot oil	Switching type	Solenoid voltage	Design series	Seals	Options

Leadtime:
Current lead times
5 working days ex-works,
check MyParker for latest
status.



Product page

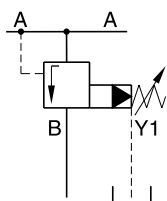


Catalogue

PRESSURE VALVES

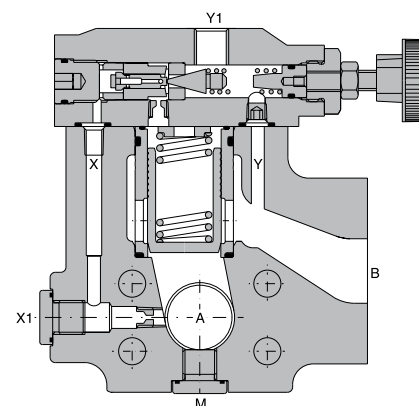
Pilot Operated Sequence Valve, SAE Flange – Series R5S

Parker pilot operated sequence valves series R5S enable a hydraulic system to operate in a pressure sequence. The SAE flanges allow to mount the valves directly on the outlet flanges of pumps to achieve a very compact design.



Technical Specifications

Product Series:	Pressure valve
Actuation Type:	Manually
Operation Type:	Pilot
Mounting Type:	Flanged according to SAE62
Body Type:	3-port, Y1, M = G 1/4
Thread Size:	M10, M12
Maximum Operating Pressure:	Depending on size, 210 - 350 bar
Maximum Pressure Setting:	105, 210, 350 bar
Flow Rate:	Depending on size, 90 - 600 l/min
Maximum Operating Temperature:	60 °C
Minimum Operating Temperature:	-20 °C
For Fluid Type:	Hydraulic oil according to DIN 51524, water glycol
Seal Material:	NBR, FPM
Body Material:	Cast iron
Weight:	3.6 to 5.2 kg, depending on size



Ordering Information

Example:

R5S			9			6	A		
Pressure sequence valve	Nominal size	SAE61 interface	3-port body (Y1, M = G 1/4")	Pressure stages	Adjustment	External drain from Y1 port	Design series	Seals	Options

Leadtime:

Current lead times
5 working days ex-works,
check MyParker for latest status.



Product page

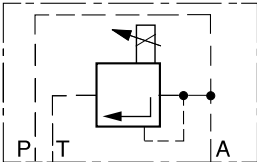


Catalogue

PRESSURE VALVES

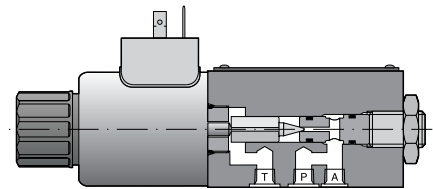
Direct Operated Proportional Pressure Relief Valve – Series RE06M*W

Parker's direct operated proportional pressure relief valve series RE06M*W provides a fast response time and low pressure drop due to its powerful solenoid.



Technical Specifications

Product Series:	Pressure valve
Actuation Type:	Solenoid, proportional
Operation Type:	Direct
Mounting Type:	Subplate mounting
Mounting Position:	Unrestricted, horizontal mounting preferred
Electronics Type:	External
Port Type:	2 pressure ports, A and P
Maximum Operating Pressure:	350 bar
Pressure Control Range:	Depending on configuration, 105 - 350 bar
Maximum Flow Rate:	2.5 l/min
Maximum Operating Temperature:	60 °C
Minimum Operating Temperature:	-20 °C
For Fluid Type:	Hydraulic oil according to DIN 51524, water glycol
Seal Material:	NBR, FPM
Body Material:	Cast iron
Weight:	1.8 kg



Ordering Information

Example:

RE	06	M		W	2		1		W	
Proportional pressure relief valve	NG06	Interface ISO 6264	Pressure stage	External electronics		Seals	Normally open	Solenoid voltage	Plug connection EN 175301803	Design series (not required for ordering)

Leadtime:
Current lead times
5 working days ex-works,
check MyParker for latest
status.



Product page

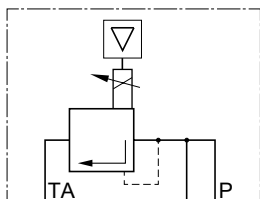


Catalogue

PRESSURE VALVES

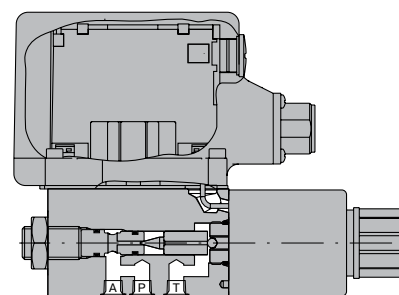
Direct Operated Proportional Pressure Relief Valve – Series RE06M*T

The proportional pressure relief valve series RE06M*T (NG06) with onboard electronics provides a fast response time and low pressure drop. It is based on the functionality of the digital amplifier PCD00.



Technical Specifications

Product Series:	Pressure valve
Actuation Type:	Solenoid, proportional
Operation Type:	Direct
Mounting Type:	Subplate mounting
Mounting Position:	Unrestricted, horizontal mounting preferred
Electronics Type:	Onboard
Maximum Operating Pressure:	350 bar
Pressure Control Range:	Depending on configuration, 50 - 350 bar
Maximum Flow Rate:	2.5 l/min
Maximum Operating Temperature:	60 °C
Minimum Operating Temperature:	-20 °C
For Fluid Type:	Hydraulic oil according to DIN 51524, water glycol
Seal Material:	NBR, FPM
Body Material:	Steel
Weight:	2.2 kg



Ordering Information

Example:

RE	06	M		T	2		1		0	
Proportional pressure relief valve	NG06	Interface ISO 6264	Pressure stages	Onboard electronics	Seals	Normally open	Command signal	Electronic attachment	Design series (not required for ordering)	

Leadtime:

Current lead times
5 working days ex-works,
check MyParker for latest
status.



Product page



Catalogue

CHECK VALVES

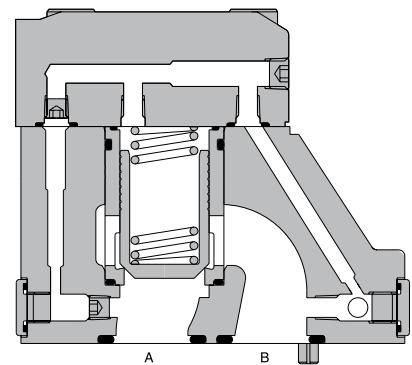
Direct Operated / Hydraulically Pilot Operated Check Valve, Subplate Mounting – Series C4V

Parker direct operated and hydraulically pilot operated check valves series C4V are robust and almost universally applicable. They are equipped with a leak-free seat cartridge.



Technical Specifications

Product Series:	Check valve
Actuation Type:	Hydraulically
Mounting Type:	Subplate mounting
Maximum Operating Pressure:	350 bar
Cracking Pressure:	Depending on spring, 0.3 to 9.0 bar
Maximum Flow Rate:	150 to 450 l/min
Flow Direction:	A to B, pressurization of X enables flow from B to A
Maximum Operating Temperature:	60 °C
Minimum Operating Temperature:	-20 °C
Seal Material:	FPM, NBR
Body Material:	Cast iron
Weight:	NG10: 2.8, NG25: 4.6, NG32: 6.1 kg



Ordering Information

Example:

C4V		5	3	0		B		
Check valve direct operated	Nominal size	Max pressure 350 bar	Subplate mounting	Approx. cracking pressure	Design series	Seal	Options	
C4V		5	9	0		B		
Check valve pilot operated	Nominal size	Max pressure 350 bar	Y1-port G 1/4"	Opening ratio	Approx. cracking pressure	Design series	Seal	

Leadtime:

Current lead times
5 working days ex-works,
check MyParker for latest
status.



Product page



Catalogue C4V

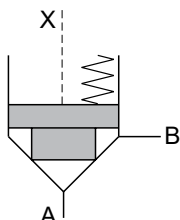


Catalogue C4V pilot

CHECK VALVES

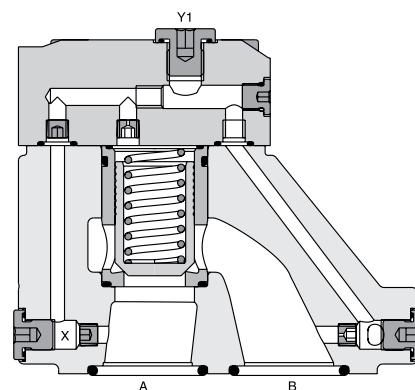
2/2-Way Seat Valve, Subplate Mounting – Series D4S

Being extremely versatile for directional control functions, Parker's leak-free 2/2-way subplate-mounted valves series D4S for in-line mounting enable individual hydraulic solutions based on various function options.



Technical Specifications

Product Series:	Seat valve
Actuation Type:	Oil pilot, solenoid
Function:	2-way
Mounting Type:	Subplate mounting
Mounting Position:	Unrestricted
Maximum Operating Pressure:	350 bar
Maximum Flow Rate:	Depending on size, 150 to 600 l/min
Maximum Operating Temperature:	60 °C
Minimum Operating Temperature:	-20 °C
For Fluid Type:	Hydraulic oil according to DIN 51524, water glycol
Seal Material:	NBR, FPM
Body Material:	Cast iron
Weight:	2.7 – 6.0 kg



Ordering Information

Example:

D4S		9								B	
Seat valve	Nominal size	Subplate mounting ISO 5781, Y1 port G $\frac{1}{4}$ "	Pilot connection	Cap version	Sleeve	Spool type	Spring	Switching type	Solenoid voltage	Design series	Seals

Leadtime:

Current lead times
5 working days ex-works,
check MyParker for latest
status.



Product page

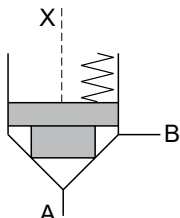


Catalogue

CHECK VALVES

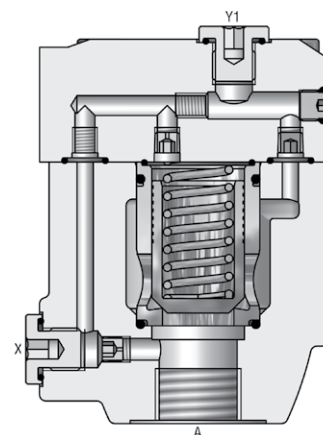
2/2-Way Seat Valve, In-Line Mounting – Series D4S

Being extremely versatile for directional control functions, Parker's leak-free 2/2-way seat valves series D4S for in-line mounting enable individual hydraulic solutions based on various function options.



Technical Specifications

Product Series:	Seat valve
Actuation Type:	Oil pilot, solenoid
Function:	2-way
Mounting Type:	Pipe mounting
Mounting Position:	Unrestricted
Maximum Operating Pressure:	Ports A, B 350; port Y 140 bar
Maximum Flow Rate:	Depending on size, 150 to 600 l/min
Maximum Operating Temperature:	60 °C
Minimum Operating Temperature:	-20 °C
For Fluid Type:	Hydraulic oil according to DIN 51524, water glycol
Seal Material:	NBR, FPM
Body Material:	Cast iron
Weight:	T-body, size 03: 3.2; T-body, size 06: 6.6; L-body, size 06: 3.3; T-body, size 10: 5.6 kg



Ordering Information

Example:

D4S									B	
Seat valve	Nominal size	Body	Pilot connection	Cap version	Sleeve	Spool type	Switching type	Solenoid voltage	Design series	Seals

Leadtime:

Current lead times
5 working days ex-works,
check MyParker for latest
status.



Product page

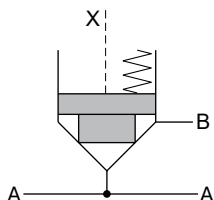


Catalogue

CHECK VALVES

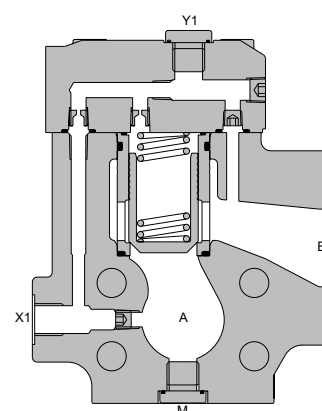
Directional Seat Valve, SAE Flange – Series D5S

Being extremely versatile for directional control functions, Parker's leak-free seat valves series D5S with SAE61 flange enable individual hydraulic solutions based on various function options.



Technical Specifications

Product Series:	Seat valve
Actuation Type:	Oil pilot solenoid
Function:	2-way
Mounting Type:	Flanged according to SAE61
Mounting Position:	Unrestricted
Maximum Flow Rate:	Depending on size, 150 - 600 l/min
Maximum Operating Pressure:	Depending on size, 210 - 350 bar
Maximum Operating Temperature:	60 °C
Minimum Operating Temperature:	-20 °C
For Fluid Type:	Hydraulic oil according to DIN 51524, water glycol
Seal Material:	NBR, FPM
Body Material:	Cast iron
Weight:	Depending on size and configuration, 3.4 - 7.8 kg



Ordering Information

Example:

D5S		5								B	
Seat valve	Nominal size	Body	Pilot body configuration	Pilot cap	Sleeve	Spool type	Spring	Switching type	Solenoid voltage	Design series	Seals

Leadtime:

Current lead times
5 working days ex-works,
check MyParker for latest
status.



Product page



Catalogue

VALVE MANIFOLDS

Pneumatic Solenoid Valve – Series Moduflex

The Moduflex Valve System redefines flexibility for pneumatic users. Whether configured from basic components or ordered as a pre-assembled and tested valve manifold, Moduflex flexibility is unmatched in the market place.

V series

Integrated connection field bus or multi-connector valve island



T series

Individual connector valve islands
Solenoid clip or lockable connector or remote air pilot



S series

Stand alone valves
Solenoid clip or lockable connector or remote air pilot

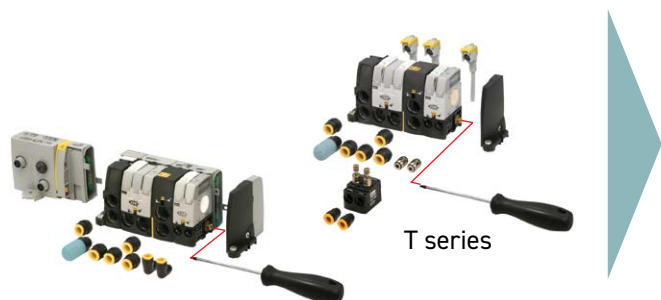


P series

Peripheral modules
Flow control, check valves, pressure regulator, vacuum

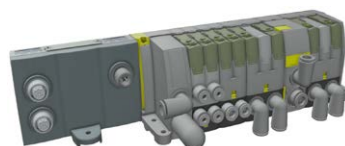


Moduflex Valve in-line e-Configurator



V series

T series



Leadtime:
Yellow highlighted
part numbers are on
stock at EDC.



Product page



Catalogue

Ordering Information

V series - basic modules (without connector)

Valve Modules	Symbol	Description	Size 1	Size 2
		4/2 Solenoid spring	P2M1V4ES2CV	P2M2V4ES2CV
		4/2 Double solenoid	P2M1V4EE2CV	P2M2V4EE2CV
		2 x 3/2 NC + NC with exhaust check valves	P2M1VDEE2CV	P2M2VDEE2CV
		2 x 3/2 NO + NO with exhaust check valves	P2M1VCCE2CV	P2M2VCCE2CV
		2 x 3/2 NC + NO with exhaust check valves	P2M1VEEE2CV	P2M2VEEE2CV
		2 x 4/2 Solenoid spring with exhaust check valves	P2M1VJEE2CV	
		3/2 NC with exhaust check valves	P2M1V3ES2CV	P2M2V3ES2CV
		4/3 Centre exhaust 2 x 3/2 NC + NC without exhaust check valves	P2M1VGEE2CV	P2M2VGEE2CV

V series - valve island: Electrical multi-connector head module

Description	Protection	Cable length	Order code
	IP65	Multi-connection head module	
		2 m	P2M2HEV0A
			P8LMH20M2A
			P8LMH20M5A
Standard Sub-D 25 type	IP40	Multi-connection head module	
		3 m	P2M2HEV0D
			P8LMH25M3A
			SCD259D
	IP65	9 m	SCD259WE

V series - valve island: Communication node for IO-Link

Communication node for 19 outputs (Moduflex Pilot Valves)

(The last 5 outputs of this 24 DO node can't be used with Moduflex Valve)

IO-Link Class	Aux. Power Pinout	Standard	Safe Power Capable
	1 & 3	P2M2HBVL12400A13	P2M2HBVL12400A13-SPC
	4 & 3	P2M2HBVL12400A43	P2M2HBVL12400A43-SPC
	4 & 2	P2M2HBVL12400A42	P2M2HBVL12400A42-SPC
Class B	2 & 5	P2M2HBVL12400B25	P2M2HBVL12400B25-SPC

V series - valve island: Communication node for Industrial Ethernet

Industrial Ethernet node for 19 outputs (Moduflex Pilot Valves)

(The last 5 outputs of this 24 DO node can't be used with Moduflex Valve)

M12 version



RJ45 version



Ethernet Protocol	M12 version	RJ45 version
Profinet IO	P2M2HBVN12400	P2M2HBVN12400RJ
EtherNet/IP	P2M2HBVE12400	P2M2HBVE12400RJ
EtherCAT	P2M2HBVT12400	P2M2HBVT12400RJ
Modbus /TCP	P2M2HBVM12400	
PowerLink	P2M2HBVW12400	

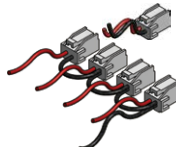
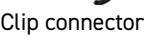
T Series - Basic modules (without connector)

Valve Modules				Size 1		Size 2
	Symbol	Description	Actuator	Pilot connector	Order code	Order code
 Size 1 Dual 4/2		4/2 Spring return	Solenoid	M8 Lockable	P2M1T4ES2C	P2M2T4ES2C
				Clip	P2M1T4ES2CW	P2M2T4ES2CW
			Air pilot	Push-In 4 mm OD	P2M1T4PS	P2M2T4PS
		4/2 Double pilot	Solenoid	M8 Lockable	P2M1T4EE2C	P2M2T4EE2C
				Clip	P2M1T4EE2CW	P2M2T4EE2CW
			Air pilot	Push-In 4 mm OD	P2M1T4PP	P2M2T4PP
 Size 1		2 x 3/2 NC + NC with exhaust check valves	Solenoid	M8 Lockable	P2M1TDEE2C	P2M2TDEE2C
				Clip	P2M1TDEE2CW	P2M2TDEE2CW
			Air pilot	Push-In 4 mm OD	P2M1TDPP	P2M2TDPP
		2 x 3/2 NO + NO with exhaust check valves	Solenoid	M8 Lockable	P2M1TCEE2C	P2M2TCEE2C
				Clip	P2M1TCEE2CW	P2M2TCEE2CW
			Air pilot	Push-In 4 mm OD	P2M1TCPP	P2M2TCPP
 Size 2		2 x 3/2 NC + NO with exhaust check valves	Solenoid	M8 Lockable	P2M1TEEE2C	P2M2TEEE2C
				Clip	P2M1TEEE2CW	P2M2TEEE2CW
			Air pilot	Push-In 4 mm OD	P2M1TEPP	P2M2TEPP
		2 x 4/2 Spring return with exhaust check valves	Solenoid	M8 Lockable	P2M1TJEE2C	
				Clip	P2M1TJEE2CW	
			Air pilot	Push-In 4 mm OD	P2M1TJPP	
		3/2 NC with exhaust check valves	Solenoid	M8 Lockable	P2M1T3ES2C	P2M2T3ES2C
				Clip	P2M1T3ES2CW	P2M2T3ES2CW
			Air pilot	Push-In 4 mm OD	P2M1T3PS	P2M2T3PS
		4/3 Centre exhaust 2 x 3/2 NC + NC without exhaust check valves	Solenoid	M8 Lockable	P2M1TGEE2C	P2M2TGEE2C
				Clip	P2M1TGEE2CW	P2M2TGEE2CW
			Air pilot	Push-In 4 mm OD	P2M1TGPP	P2M2TGPP

S Series - Basic modules (without connector)

Valve Modules				Size 1		Size 2
	Symbol	Description	Actuator	Pilot connector	Order code	Order code
 Size 1		4/2 Spring return	Solenoid	M8 Lockable	P2M1S4ES2C	P2M2S4ES2C
				Clip	P2M1S4ES2CW	P2M2S4ES2CW
			Air pilot	Push-In 4 mm OD	P2M1S4PS	P2M2S4PS
		4/2 Double pilot	Solenoid	M8 Lockable	P2M1S4EE2C	P2M2S4EE2C
				Clip	P2M1S4EE2CW	P2M2S4EE2CW
			Air pilot	Push-In 4 mm OD	P2M1S4PP	P2M2S4PP
 Size 1		2 x 3/2 NC + NC with exhaust check valves	Solenoid	M8 Lockable	P2M1SDEE2C	P2M2SDEE2C
				Clip	P2M1SDEE2CW	P2M2SDEE2CW
			Air pilot	Push-In 4 mm OD	P2M1SDPP	P2M2SDPP
		2 x 3/2 NO + NO with exhaust check valves	Solenoid	M8 Lockable	P2M1SCEE2C	P2M2SCEE2C
				Clip	P2M1SCEE2CW	P2M2SCEE2CW
			Air pilot	Push-In 4 mm OD	P2M1SCPP	P2M2SCPP
 Size 2		2 x 3/2 NC + NO with exhaust check valves	Solenoid	M8 Lockable	P2M1SEEE2C	P2M2SEEE2C
				Clip	P2M1SEEE2CW	P2M2SEEE2CW
			Air pilot	Push-In 4 mm OD	P2M1SEPP	P2M2SEPP
		3/2 NC with exhaust check valves	Solenoid	M8 Lockable	P2M1S3ES2C	P2M2S3ES2C
				Clip	P2M1S3ES2CW	P2M2S3ES2CW
			Air pilot	Push-In 4 mm OD	P2M1S3PS	P2M2S3PS
		4/3 Centre exhaust 2 x 3/2 NC + NC without exhaust check valves	Solenoid	M8 Lockable	P2M1SGEE2C	P2M2SGEE2C
				Clip	P2M1SGEE2CW	P2M2SGEE2CW
			Air pilot	Push-In 4 mm OD	P2M1SGPP	P2M2SGPP

T & S Series Electrical connectors

M8 lockable connector	Description	Connector type	Cable length	Order code
	Individual lockable connector – IP67 Including LED and surge protection 2 Flying leads	M8 / 2 x Flying leads	2 metres	P8LS08L226C
			5 metres	P8LS08L526C
			9 metres	P8LS08L926C
	Clip connector – IP40	1 x Clip connector	1 metre	P8LW021C
	Individual: Including 2 flying leads		2 metres	P8LW022C
	Multiple: Including 1 common (0 Vdc) and 1 flying lead per connector	2 x Clip connectors	1 metre	P8LW021C02
	Straight cable quick connect to thread connector, IP67 protected			
		M8		P8CS0803J
		M12		P8CS1204J

P Series - Basic peripheral modules (without connector)

	Symbol	Description	Size	
			Size 1 Order code	Size 2 Order code
   		Dual flow control	P2M1PXFA	P2M2PXFA
		Dual P.O. check valve	P2M1PXCA	P2M2PXCA
		Pressure regulator	Pressure range	Gauge
			0 - 2 bar	0 - 4 bar
				Without
			0 - 4 bar	0 - 7 bar
				Without
			0 - 8 bar	0 - 11 bar
		90% Vacuum generator	P2M1PXVA	P2M2PXSN

V & T Series - Head and Intermediate module sets for Valve Island

Valve Modules		Size 2	
		Order code	
 P2M2HXT01	Description		
	Valve island pneumatic head and tail module set		P2M2HXT01
	Valve island intermediate supply module with a set of 4 configuration plates	For T Series	P2M2BXT0A
 P2M2BXV0A		For V Series	P2M2BXV0A

V, T, S & P Series - Clip-On pneumatic connectors *

Valve Modules		Size 1		Size 2
		Order code		Order code
	Straight connector	4 mm	FMD04-1	
		6 mm	FMD06-1	FMD06-2
		8 mm		FMD08-2
		10 mm		FMD10-2
		12 mm		FMD12-2**
	Elbow connector	4 mm	CMD04-1	
		6 mm	CMD06-1	CMD06-2
		8 mm		CMD08-2
		10 mm		CMD10-2
		12 mm		CMD12-2**
	Double male union		HMDXX1	HMDXX2
	Silencer		MMDVA1	MMDVA2
	Plug		PMDXX1	PMDXX2

* Fittings and plugs pack quantity: 10

** Reserved to Head and Intermediate supply modules, Not compatible with V, T, S & P Modules Size 2

Leadtime:
Yellow highlighted
part numbers are on
stock at EDC.



Product page



Catalogue

VALVE MANIFOLDS

Pneumatic Solenoid Valve – Series H Micro

The H Micro valve redefines flexibility for pneumatic users. When either configured from basic components or ordered as pre-assembled and tested valve islands, H Micro valves are the answer to all your needs.

- Up to 8 pneumatic functions on a 42 mm width metal sub base
- 4 valve modules back to back for compact dimensions
- High performance
- Optimised flow for 6mm tubes
- Side or bottom mounted manifolds available.



Ordering Information & Technical Specifications

Symbol	Description	Order code
	Double 3/2 NC + NC	HMNVX2049A
	Double 3/2 NO + NO	HMPVX2049A
	Double 3/2 NC + NO	HMQVX2049A
	5/2 single solenoid - Spring return	HMEVX2049A
	5/2 double solenoid	HM2VX2049A
	5/3 all ports blocked (APB)	HM5VX2049A
	Blanking module kit (including two M7 plugs for manifold)	HMBVX00XXA
	Additional pressure module	HMCVX00XXA

Metal manifold for 4 valves (M7 threaded)

Side ported



Description	Order code
4 position manifold single electrical address	PSM21JAP
4 position manifold double electrical address	PSM21MAP

Multi-pressure inter-manifold seal plate

Description	Pressure port	Exhaust	Order code
	Passing / Passing	Passing	PSM0001
	Passing / Block	Passing	PSM0002
	Block / Block	Block	PSM0004

Leadtime:
10 - 20 working days for
standard valves.



Product page



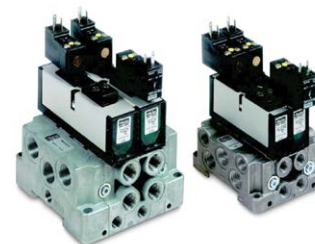
Catalogue

ISO VALVES

Pneumatic Solenoid ISO Valve – Series DX ISOMAX 15407-1

Rust and corrosion resistant body - with the valve body in polyamide reinforced fibreglass and the casting in anodised aluminium, the Isomax range presents a comprehensive design to suit most industrial environments.

- Size 01 and 02 (26 and 18 mm)
- Ceramic slide technology for long life operation
- Solenoid or air pilot actuation
- From vacuum up to 10 bar applications
- Internal or external pilot supply with same valves
- Capture solenoid exhaust



Ordering Information & Technical Specifications

Symbol	Description	Size	Order code	
			15 mm DIN C / 24 Vdc / 1,2 W solenoid valve operator	Without 15 mm DIN C solenoid valve operator
	5/2 Single solenoid - Spring return	02 - 18 mm	DX02-621-951M	DX02-621-60
		01 - 26 mm	DX01-621-951M	DX01-621-60
	5/2 Single solenoid - Differential	02 - 18 mm	DX02-651-951M	DX02-651-60
		01 - 26 mm	DX01-651-951M	DX01-651-60
	5/2 Double solenoid	02 - 18 mm	DX02-606-951M	DX02-606-60
		01 - 26 mm	DX01-606-951M	DX01-606-60
	5/3 Closed Centre (APB)	02 - 18 mm	DX02-616-951M	DX02-616-60
		01 - 26 mm	DX01-616-951M	DX01-616-60
	5/3 Vented Centre	02 - 18 mm	DX02-611-951M	DX02-611-60
		01 - 26 mm	DX01-611-951M	DX01-611-60

15 mm solenoid valve operator, solenoid connectors & cable plug to be ordered separately.

Pneumatic remote pilot operated without valve spool manual override

Symbol	Description	Size	Order code
	5/2 Air pilot - Spring return	02 - 18 mm	DX02-421-60
		01 - 26 mm	DX01-421-60
	5/2 Air pilot - Differential	02 - 18 mm	DX02-451-60
		01 - 26 mm	DX01-451-60
	5/2 Double air pilot	02 - 18 mm	DX02-406-60
		01 - 26 mm	DX01-406-60
	5/3 Closed Centre (APB)	02 - 18 mm	DX02-416-60
		01 - 26 mm	DX01-416-60
	5/3 Vented Centre	02 - 18 mm	DX02-411-60
		01 - 26 mm	DX01-411-60



Blanking plate

Size 02	DX02BLK
Size 01	DX01BLK

15mm DIN C (8mm spacing) solenoid operator

Voltage	Manual Overrides				
	Without Manual Override	Flush (Not Extended)		Extended	
		Non locking blue override	Locking yellow override	Non locking blue override	Locking yellow override
	12 Vdc	P2E-KV32B0	P2E-KV32B1	P2E-KV32B2	P2E-KV32B3
	24 Vdc	P2E-KV32C0	P2E-KV32C1	P2E-KV32C2	P2E-KV32C3
	48 Vdc	P2E-KV32D0	P2E-KV32D1	P2E-KV32D2	P2E-KV32D3
	24 Vac 50Hz	P2E-KV31C0	P2E-KV31C1	P2E-KV31C2	P2E-KV31C3
	48 Vac 50/60Hz	P2E-KV34D0	P2E-KV34D1	P2E-KV34D2	P2E-KV34D3
	115 Vac 50Hz / 120 Vac 60 Hz	P2E-KV31F0	P2E-KV31F1	P2E-KV31F2	P2E-KV31F3
	230 Vac 50Hz / 240 Vac 60 Hz	P2E-KV31J0	P2E-KV31J1	P2E-KV31J2	P2E-KV31J3

Cable plugs 15 mm - IP65 (8 mm pin spacing)

Standard screw



Description	Electrical protection	Cable length	Order code
	No protection	No cable	P8C-D
		2 metre	P8L-C2
		5 metre	P8L-C5
	LED + protection 24 VDC	No cable	P8C-D26C
	LED + protection 24 VDC/AC	2 metre	P8L-C226C
		5 metre	P8L-C526C

ISO 15407-1 Subbases & Manifolds

Side ported individual subbase - ISO 15407-1 - Sizes 02 & 01

Description	Size	Port Size	Weight (g)	Order code
	02 - 18 mm	G1/8	70	PL02-01-70
		1/8 NPT	70	PL02-01-80
	01 - 26 mm	G1/4	120	PL01-02-70
		1/4 NPT	120	PL01-02-80

Bottom ported manifold & end plate - ISO 15407-1 - sizes 02

					Order code			
2 Valve position manifold				Internal pilot	G1/8	P2V-AM511PB		
				External pilot		P2V-AM511NB		
		Left	Right					
End plates	Side ported					G1/4	P2V-AM512GS	P2V-AM512HS
	Top ported					G1/4	P2V-AM512GT	P2V-AM512HT
	Bottom ported					G1/4	P2V-AM512GB	P2V-AM512HB
	End cover						P2V-AM500G0	P2V-AM500H0
Plug						P2V-AK0P		

Front ported manifold & end plate - ISO 15407-1 - sizes 02 & 01

Description	Size	Port size	Order code
	02-18 mm	G1/8	PJLP02-201-70
	01-26 mm	G1/4	PJLP01-202-70
Two position manifold base Can be used for external pilot supply using #14 or single or double pneumatic remote pilot	01-26 mm	G1/4	PJL01-202-70
End plate kit	02-18 mm	G1/4	PEJ02-02-70
	01-26 mm	G3/8	PEJ01-03-70

Leadtime:

Yellow highlighted part numbers are on stock at EDC.



Product page



Catalogue

ISO VALVES

Pneumatic Solenoid ISO Valve – Series ISO 5599-1

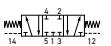
Ceramic slide valves for maximum operational life. Solenoid or air pilot operated with a wide choice of bases and manifolds. Vacuum to 12 bar general applications.

- Size 1, 2 and 3
- Ceramic technology for long life operation
- From vacuum up to 12 bar applications
- Internal or external pilot supply with same valves
- M12 on each coil
- Common M12



Ordering Information & Technical Specifications

Pneumatic remote pilot operated

Symbol	Description	Size	Order code	
			With direct valve spool manual override	Without direct valve spool manual override
	5/2 Air pilot - Spring return	1 - 43 mm	DX1-421-70	DX1-421-60
		2 - 56 mm	DX2-421-70	DX2-421-60
		3 - 71 mm	DX3-421-70	DX3-421-60
	5/2 Air pilot - Differential	1 - 43 mm	DX1-451-70	DX1-451-60
		2 - 56 mm	DX2-451-70	DX2-451-60
		3 - 71 mm	DX3-451-70	DX3-451-60
	5/2 Double air pilot	1 - 43 mm	DX1-406-70	DX1-406-60
		2 - 56 mm	DX2-406-70	DX2-406-60
		3 - 71 mm	DX3-406-70	DX3-406-60
	5/3 Closed Centre (APB)	1 - 43 mm	DX1-416-70	DX1-416-60
		2 - 56 mm	DX2-416-70	DX2-416-60
		3 - 71 mm	DX3-416-70	DX3-416-60
	5/3 Vented Centre	1 - 43 mm	DX1-411-70	DX1-411-60
		2 - 56 mm	DX2-411-70	DX2-411-60
		3 - 71 mm	DX3-411-70	DX3-411-60
	5/3 Pressurised Centre	1 - 43 mm	DX1-413-70	DX1-413-60
		2 - 56 mm	DX2-413-70	DX2-413-60

Leadtime:

Yellow highlighted part numbers are on stock at EDC.



Product page



Catalogue

Isomax - ISO 5599-1 - Sizes 1, 2 & 3 with non locking manual override on solenoid valve operator - Without direct valve spool manual override

Description	Size	Symbol	Order code	Order code
CNOMO operator		with 30 x 30 DIN Form A / 24 Vdc / 2,7 W solenoid		without coil
5/2 Single solenoid - Spring return	1 - 43 mm		DX1-621-BL49	DX1-621-BN
	2 - 56 mm		DX2-621-BL49	DX2-621-BN
	3 - 71 mm		DX3-621-BL49	DX3-621-BN
5/2 Single solenoid - Differential	1 - 43 mm		DX1-651-BL49	DX1-651-BN
	2 - 56 mm		DX2-651-BL49	DX2-651-BN
	3 - 71 mm		DX3-651-BL49	DX3-651-BN
5/2 Double solenoid	1 - 43 mm		DX1-606-BL49	DX1-606-BN
	2 - 56 mm		DX2-606-BL49	DX2-606-BN
	3 - 71 mm		DX3-606-BL49	DX3-606-BN
5/3 Closed Centre (APB)	1 - 43 mm		DX1-616-BL49	DX1-616-BN
	2 - 56 mm		DX2-616-BL49	DX2-616-BN
	3 - 71 mm		DX3-616-BL49	DX3-616-BN
5/3 Vented Centre	1 - 43 mm		DX1-611-BL49	DX1-611-BN
	2 - 56 mm		DX2-611-BL49	DX2-611-BN
	3 - 71 mm		DX3-611-BL49	DX3-611-BN
5/3 Pressurised Centre	1 - 43 mm		DX1-613-BL49	DX1-613-BN
	2 - 56 mm		DX2-613-BL49	DX2-613-BN

Solenoid connectors & cable plug to be ordered separately.

30 x 30 DIN Form A or 22 x 30 DIN Form B coil & coil connectors to be ordered separately.

Valve alone without operator

Description	Size	Symbol	Order code
		With direct valve spool manual override	
5/2 Air pilot - Spring return	1 - 43 mm		DX1-621-70
	2 - 56 mm		DX2-621-70
	3 - 71 mm		DX3-621-70
5/2 Air pilot - Differential	1 - 43 mm		DX1-651-70
	2 - 56 mm		DX2-651-70
	3 - 71 mm		DX3-651-70
5/2 Double air pilot	1 - 43 mm		DX1-606-70
	2 - 56 mm		DX2-606-70
	3 - 71 mm		DX3-606-70
5/3 Closed Centre (APB)	1 - 43 mm		DX1-616-70
	2 - 56 mm		DX2-616-70
	3 - 71 mm		DX3-616-70
5/3 Vented Centre	1 - 43 mm		DX1-611-70
	2 - 56 mm		DX2-611-70
	3 - 71 mm		DX3-611-70
5/3 Pressurised Centre	1 - 43 mm		DX1-613-70
	2 - 56 mm		DX2-613-70

Leadtime:

Yellow highlighted part numbers are on stock at EDC.



Product page



Catalogue

3/2 N.C. CNOMO Operator - Without Coil



Description	Manual override	Order code
Solenoid operator for 30 x 30 DIN Form A Coil Dedicated to Low Power 2,5W / 3VA Coil	No manual override	P2FP23N4A
	Pulse non locking	P2FP23N4B
	Locking	P2FP23N4C
Solenoid operator for 22 x 30 DIN Form B Coil Dedicated to Low Power 2,5W / 4,5VA Coil	No manual override	1EV0*310
	Pulse non locking	1EV1*310
	Locking	1EV3*310



30 x 30 DIN Form A and 22 x 30 DIN Form B Coils for CNOMO Operator



Voltage	30 x 30 DIN Form A		22 x 30 DIN Form B
	Low Power (to be used with P2FP23N4x)	High Power (to be used with EV300x100)	Low Power (to be used with 1EVx*310)
	Order code		
12 Vdc	P2FCA445	P2FCA545	P2FCB345
24 Vdc	P2FCA449	P2FCA549	P2FCB349
48 Vdc	P2FCA451	P2FCA351	P2FCB351
12 Vac 50/60 Hz	P2FCA440	P2FCA540	P2FCB340
24 Vac 50/60 Hz	P2FCA445	P2FCA545	P2FCB345
48 Vac 50/60 Hz	P2FCA449	P2FCA549	P2FCB349
110 Vac 50 Hz / 120 Vac 60 Hz	P2FCA453	P2FCA553	P2FCB353
230 Vac 50 Hz / 240 Vac 60 Hz	P2FCA457	P2FCA557	P2FCB357

Spare Solenoid Nuts



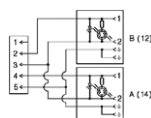
Description	Usage	Order code
Plastic knurled nut	For valve requiring Captured exhaust	P2FNP
Diffuser plastic nut	For valve requiring Vented exhaust	P2FND

Solenoid Connectors / Cable Plugs EN176301-803

Standard IP65, with standard screw

	Description	22 x 30 DIN Form B	23 X 30 DIN Form A
No cable	Without Led, without protection	3EV10V10	3EV290V10
	With LED and protection 24 Vac/Vdc	3EV10V20-24	3EV290V20-24
	With LED and protection 110 Vac	3EV10V20-110	3EV290V20-110
	With LED and protection 230 Vac	3EV10V20-230	3EV290V20-230
5 metre cable	With LED and protection 24 Vac / Vdc	3EV10V20-24L5	3EV290V20-24L5
	With LED and protection 110 Vac	3EV10V20-110L5	3EV290V20-110L5
	With LED and protection 230 Vac	3EV10V20-230L5	3EV290V20-230L5

Spare Solenoid DIN Connectors



Description	Characteristics	Characteristics	Visualisation	Cable
M12 Connector for one coil	24 V AC/DC - 4A	LED	No cable	P8C-A626C
M12 Connector for two coils*	24 V AC/DC - 4A	LED	No cable	P8C-AM26C

* Not compatible with Size 3

Leadtime:

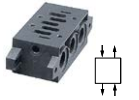
Yellow highlighted part numbers are on stock at EDC.

VDMA Side Ported Subbases



Description	Size	Port size	Order code
Subbases VDMA Side port according to VDMA	1 - 43 mm	G1/4	P2N-VS512SD
	2 - 56 mm	G3/8	P2N-WS513SD
	3 - 71 mm	G1/2	P2N-YS514SD

VDMA Bottom Ported Manifold



Description	Size	Port size	Order code
VDMA Form C Bottom port according to VDMA	1 - 43mm	G1/4	P2N-VM512MB
	2 - 56mm	G3/8	P2N-WM513MB
	3 - 71mm	G1/2	P2N-YM514MB
VDMA Transition plate Size 1 to Size 3 Kit includes: Transition plate only	1 to 3	G1/4	P2N-VM500AK
VDMA Form D - End plate According to VDMA	1 - 43mm	G3/8	P2N-VM513ES
	2 - 56mm	G1/2	P2N-WM514ES
	3 - 71mm	G1	P2N-YM518ES
VDMA Isolation - Main galley According to VDMA Kit includes: (1) Isolator plug.	1 - 43mm		P2N-VK0P
	2 - 56mm		P2N-WK0P
	3 - 71mm		P2N-YK0P

Accessories



Description	Size	Port size	Order code
Blanking plate Kit includes: (1) Blanking plate, (1) Gasket and (4) Mounting bolts	1 - 43mm	G1/4	P2N-AA5B
	2 - 56mm	G3/8	P2N-BA5B
	3 - 71mm	G1/2	P2N-CA5B

Side ported subbases



Description	Size	Port size	Order code BSP	Order code NPT
Single subbase with side ports 1 3 5 2 4 ports & 12 14	1 - 43mm	G1/4	PL1-1/4-70	PL1-1/4-80
	1 - 43mm	G3/8	PL1-3/8-70	-
	2 - 56mm	G3/8	PL2-3/8-70	PL2-3/8-80
	2 - 56mm	G1/2	P2N-HS514SS	-
	3 - 71mm	G1/2	PL3-1/2-70	PL3-1/2-80
	3 - 71mm	G3/4	P2N-JS516SD	-

Bottom ported subbases



Description	Size	Port size	Order code BSP	Order code NPT
Single subbase with bottom ports 1 3 5 2 4 ports & 12 14	1 - 43mm	G1/4	PD1-1/4-70	PD1-1/4-80
	2 - 56mm	G3/8	PD2-3/8-70	PD2-3/8-80
	3 - 71mm	G1/2	PD3-1/2-70	-

Leadtime:
Yellow highlighted part numbers
are on stock at EDC.

Size 1 bottom ported manifold

		Description	Size	Port size	Order code
		Manifold with bottom ports low profile	1 - 43mm	G1/4	P2N-AM512MB
		Connecting block			
		Top or bottom ported connecting block for above manifold "low profile"	1 - 43mm	G3/8	P2N-AM513GT
		End			
		End piece for above manifold "low profile"	1 - 43mm	-	P2N-AM500J
		Intermediate supply			
		Top or bottom ported intermediate supply for above manifold "low profile"	1 - 43mm	G3/8	P2N-AM513BT
		Isolation plugs			
		isolating seal for above manifold "low profile"	1 - 43mm	-	P2N-AK0P

Sizes 1 & 2 side ported manifold

		Description	Size	Port size	Order code
		Manifold	1 - 43mm	G1/4	P2N-EM512MD
		Manifold with side port	2 - 56mm	G3/8	P2N-FM513MD
		End	1 - 43mm	G3/8	P2N-EM513ES
		Side ported connecting kit for above manifold with side ports	2 - 56mm	G1/2	P2N-FM514ES

Leadtime:
Yellow highlighted part numbers
are on stock at EDC.



Product page



Catalogue

ISO VALVES

ISO Plug-In and Universal Manifold – Series ISO 15407-2 and 5599-2 H

The H Series ISO valve conforms to international standards 15407 and 5599, providing maximum flexibility for end users. H Series ISO offers machine builders a complete offering with a wide variety of accessories and options in a valve family with flow ranges from Qn 540 NL/mn up to 5900 NL/mn. HB/HA/H1/H2 can be mounted on the same manifold and can operate from vacuum to 10 bar in an environment from -15 °C to + 49 °C. Collective solutions offer installation time savings with either multi-pin connectors or network solutions through Ethernet or IO-Link.



Technical Specifications

Ports, Flow:

H Universal Manifold:

HB – G1/8 : Qn 540 NL/mn

HA – G1/4 : Qn 1080 NL/mn

H1 – G3/8 : Qn 1480 NL/mn

H2 – G1/2 : Qn 2950 NL/mn

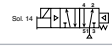
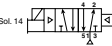
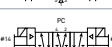
Solenoids:

HB & HA: 24 Vdc, 1,0 W

H1 & H2: 24 Vdc, 3,2 W

Ordering Information

Valves, blanking plates & manifolds – 15407-2 & 5599-2 Plug-In, Sizes 02 to 2

		ISO 15407-2		ISO 5599-2	
		Size 02 (18mm)	Size 01 (26mm)	Size 1	Size 2
 ISO 15407-2	 5/2 Elec. spring return External pilot	HBVXLG0G9A	HAEVXLG0G9A	H1EVXXG0B9D	H2EVXXG0B9D
	 5/2 Elec. air return External pilot	HB1VXLG0G9A	HA1VXLG0G9A	H11VXXG0B9D	H21VXXG0B9D
	 5/2 dual Elec. External pilot	HB2VXLG0G9A	HA2VXLG0G9A	H12VXXG0B9D	H22VXXG0B9D
	 5/3 dual Elec., APB External pilot	HB5VXLG0G9A	HA5VXLG0G9A	H15VXXG0B9D	H25VXXG0B9D
	 5/3 dual Elec., CE External pilot	HB6VXLG0G9A	HA6VXLG0G9A	H16VXXG0B9D	H26VXXG0B9D
 ISO 5599-2	 5/3 dual Elec., PC External pilot	HB7VXLG0G9A	HA7VXLG0G9A	H17VXXG0B9D	H27VXXG0B9D
	 Dual 3/2 Elec. NC/NC Internal pilot	HBNVXBG0G9A	-	-	-
	 Dual 3/2 Elec. NO/NO Internal pilot	HBPVXBG0G9A	-	-	-
 ISO 15407-2	 ISO 5599-2	Blanking Plate	PS5634P	PS5534P	PS4034CP
 ISO 15407-2 2 valve positions	 ISO 5599-2 1 valve position	For Sgl Solenoid Valve ISO 15407-2 : 2 addresses ISO 5599-2 : 1 adresse	PSHU1152J1P	PSHU1154J1P	PSHU1156J1P
		For Dbl Solenoid Valve ISO 15407-2 : 4 addresses ISO 5599-2 : 2 addresses	PSHU1152M1P	PSHU1154M1P	PSHU1156M1P

Leadtime:

Yellow highlighted part numbers are on stock at EDC.

End plate kits, Intermediate Supply Module and Right Hand end plate
Universal Manifold for use with Plug-In HB, HA, H1 & H2

	Description	Order Code
	25-pin, D-Sub Side, 24 address	PSHU20L101P
	25-pin, D-Sub Top, 24 address	PSHU20L201P
 Class A  Class B	P2H IO Link Class B, standard version, 24 address	PSHU20N201P
	P2H IO Link Class B, safe version, 24 address	PSHU20S201P
	P2H IO Link Class A, 4-pin safe version, 24 address	PSHU20S401P
	P2H IO Link Class A, 5-pin safe version, 24 address	PSHU20S501P
	P2H Ethernet Node, 32 addresses, EtherNet/IP™	PSHU20P201PE000A-P5
	P2H Ethernet Node, 32 addresses, EtherCAT	PSHU20P201PT000A-P5
	P2H Ethernet Node, 32 addresses, Profinet	PSHU20P201PN000A-P5
	PCH Network Portal, 32 addresses with 3 Module Variants (AAA), Profinet	PSHU20P301PNAAA0-P5
	PCH Network Portal, 32 addresses with 3 Module Variants (ABC), Profinet	PSHU20P301PNABC0-P5
	PCH Network Portal, 32 addresses with 3 Module Variants (AAA), EtherNet /IP	PSHU20P301PEAAA0-P5
	PCH Network Portal, 32 addresses with 3 Module Variants (ABC), EtherNet /IP	PSHU20P301PEABC0-P5
	PCH Network Portal, 32 addresses with 3 Module Variants (AAA), EtherCAT	PSHU20P301PTAAA0-P5
	PCH Network Portal, 32 addresses with 3 Module Variants (ABC), EtherCAT	PSHU20P301PTABC0-P5
	Turck Network with valve driver module, 16 address	PSHU20T101P
	Turck Network with valve driver module, 32 address	PSHU20T201P
	Intermediate Supply Module with electrical pass through	PSHU115AT1P
	Intermediate Supply Module with electrical expansion to addresses 25 to 32	PSHU115AE1P
 Low Profile  High Flow	Right hand end plate only, low profile, 3900 NI/mn	PSHU4000P
	Right hand end plate only, high flow G1/2 ports, 5960 NI/mn	PSHU4101P
	Right hand end plate only, high flow G3/4 ports, 8200 NI/mn	PSHU4201P

Leadtime:

Yellow highlighted part numbers
are on stock at EDC.



Product page



Catalogue

INDUSTRIAL COMMUNICATION

Pneumatic Solenoid Valve – P2M Communication Node

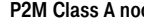
The P2M Industrial Ethernet node allows for a simple and cost efficient connection to any Industrial Ethernet network. It can connect three of our valve types: Modu-flex, H Micro and all five sizes of H ISO valves (15407-2 & 5599-2) to Ethernet networks.



Ordering Information & Technical Specifications

G3/8 Ends kit with P2M IO-Link node

With P2M Communication node for 24 outputs (H Micro Pilot Valves)

 P2M Class A node		M12 A coded Connector connection					
		Description	IO-Link Class	IO-Link 	Aux. Power 	Aux. Power Pinout	Order Code
 P2M Class B node	G3/8 Front ported ends kit with P2M IO-Link Communication node	Class A	3 Pin's	3 Pin's	1 & 3	PSMML1APA13	PSMML1APA13-SPC
			3 Pin's	3 Pin's	4 & 3	PSMML1APA43	PSMML1APA43-SPC
			3 Pin's	5 Pin's	4 & 2	PSMML1APA42	PSMML1APA42-SPC
		Class B	5 Pin's	-	2 & 5	PSMML1APB25	PSMML1APB25-SPC

IODD file can be downloaded from IODD finder or the Moduflex web page: <https://ioddfinder.io-link.com> - www.parker.com/pde/io-link

G3/8 Ends kit with P2M Industrial Ethernet node

With P2M Communication node for 24 outputs (H Micro Pilot Valves)

	Description	Protocol	M12 A coded Connector connection			Order Code
			Eth. ports	Aux. Power		
 P2M Industrial Ethernet node	G3/8 Front ported ends kit with P2M Industrial Ethernet Communication node	Profinet IO	2 x M12 D-coded	M12 A-coded	PSMMN1AP	PSMMN1APRJ
		EtherNet /IP	2 x M12 D-coded	M12 A-coded	PSMME1AP	PSMME1APRJ
		EtherCAT	2 x M12 D-coded	M12 A-coded	PSMMT1AP	PSMMT1APRJ
		Powerlink	2 x M12 D-coded	M12 A-coded	PSMMW1AP	
		Modbus/TCP	2 x M12 D-coded	M12 A-coded	PSMMM1AP	

Configuration file can be downloaded from the P2M Industrial Ethernet node web page: www.parker.com/pde/p2m_ie

G3/8 Ends kit for P2M Industrial Ethernet node

Without P2M Communication node

	Description	Ethernet Protocol	Sub-base design	Order Code
	G3/8 end kits adaptor	All protocols	Front ported	PSMM41AP

Leadtime:
10 working days for communication nodes.

Electrical multi-pole end modules



Description		Thread type	Order code
Sub-D25 ends module	Side ported	G3/8	PSML21AP
Sub-D25 connector IP40 with flying leads multi-cable	Cable length 3 m		P8LMH25M3A

Valve Driver Module - TURCK BL67 adaptor



Solenoid valves	Sub-base design	Thread type	Order code
0 Without 16 O module			PSMT01AP
16 Including : - 1 x 16 O module 1 blank module	- Side ported	G3/8	PSMT11AP
32 Including : - 2 x 16 O modules			PSMT21AP

16 Outputs or blank module to be ordered separately (see below)

Standard TURCK BL67 module



Description	Order code
16 Outputs module for 16 or 32 solenoid valves configuration	BL67-16DO-0.1A-P
Blank module for 16 solenoid valves configuration	BL67-E

TURCK BL67 Communication Gateway



Protocol	Network connection	Power Sup. Connection	Order code
CANopen (Bus IN & OUT)	M12 - A coding	7/8" - 5 Pin's	BL67-GW-CO
DeviceNet™	7/8" - 5 Pin's	7/8" - 5 Pin's	BL67-GW-DN
Profibus-DP (DPV0/DPV1)	M12 - B coding	7/8" - 5 Pin's	BL67-GW-DPV1
Multiprotocol Ethernet: Modbus TCP, EtherNet/IP™ and PROFINET	M12 - D coding	7/8" - 5 Pin's	BL67-GW-EN
Modbus TCP scan DeviceNet™	M12 - D coding	7/8" - 5 Pin's	BL67-GW-EN-DN
Ethernet/IP™ scan DeviceNet™	M12 - D coding	7/8" - 5 Pin's	BL67-GW-EN-IP-DN

All TURCK BL67 System Modules can be ordered directly from TURCK under the same Order Code

Leadtime:
50 working days for BL67
communication nodes.



Product page



Catalogue

CONTROL DIRECTIONAL VALVE

for Extreme Environments – Series Viking Xtreme



Viking Xtreme Valve - Lever 90° to ports operated

- 4 Sizes from G1/8 to G1/2
- Large range of flow from Qn 660 NL/mn to 2700 NL/mn
- Maximum Operating Pressure up to 16 bar (Sizes G1/8 & G1/4) or 12 bar (Sizes G3/8 & G1/2)
- Large Operating Temperature from -40 °C to +60 °C
- Anodised Aluminum body



Viking Xtreme Valve - Pneumatic Remote Pilot operated

- 4 Sizes from G1/8 to G1/2
- Large range of flow from Qn 660 NL/mn to 2700 NL/mn
- Short change over time
- Maximum Operating Pressure up to 16 bar (Sizes G1/8 & G1/4) or 12 bar (Sizes G3/8 & G1/2)
- Large Operating Temperature from -40 °C to +60 °C
- Anodised Aluminum body

Ordering Information & Technical Specification

Size	Lever/Spring	Order code	Lever/Lever	Order code
3/2 valves				
G1/8		P2LAX311VS		P2LAX311VV
G1/4		P2LBX312VS		P2LBX312VV
G3/8		P2LCX313VS		P2LCX313VV
G1/2		P2LDX314VS		P2LDX314VV
5/2 valves				
G1/8		P2LAX511VS		P2LAX511VV
G1/4		P2LBX512VS		P2LBX512VV
G3/8		P2LCX513VS		P2LCX513VV
G1/2		P2LDX514VS		P2LDX514VV

Size	Air/Spring	Order code	Air/Air	Order code
3/2 valves				
G1/8		P2LAX311PS		P2LAX311PP
G1/4		P2LBX312PS		P2LBX312PP
G3/8		P2LCX313PS		P2LCX313PP
G1/2		P2LDX314PS		P2LDX314PP
5/2 valves				
G1/8		P2LAX511PS		P2LAX511PP
G1/4		P2LBX512PS		P2LBX512PP
G3/8		P2LCX513PS		P2LCX513PP
G1/2		P2LDX514PS		P2LDX514PP

Self centring			Held in 3 positions	
Size	Lever/Lever	Order code	Lever/Lever	Order code
5/3 Closed Centre Valve				
G1/8		P2LAX61111		P2LAX611122
G1/4		P2LBX61211		P2LBX61222
G3/8		P2LCX61311		P2LCX61322
G1/2		P2LDX61411		P2LDX61422
5/3 Vented Centre Valve				
G1/8		P2LAX81111		P2LAX81122
G1/4		P2LBX81211		P2LBX81222
G3/8		P2LCX81311		P2LCX81322
G1/2		P2LDX81411		P2LDX81422
5/3 Pressure Centre Valve				
G1/8		P2LAX71111		P2LAX71122
G1/4		P2LBX71211		P2LBX71222
G3/8		P2LCX71311		P2LCX71322
G1/2		P2LDX71411		P2LDX71422

Size	Air/Air	Order code
Self centering		
5/3 Closed Centre Valve		
G1/8		P2LAX611PP
G1/4		P2LBX612PP
G3/8		P2LCX613PP
G1/2		P2LDX614PP
5/3 Vented Centre Valve		
G1/8		P2LAX811PP
G1/4		P2LBX812PP
G3/8		P2LCX813PP
G1/2		P2LDX814PP
5/3 Pressure Centre Valve		
G1/8		P2LAX711PP
G1/4		P2LBX712PP
G3/8		P2LCX713PP
G1/2		P2LDX714PP

Leadtime:

Yellow highlighted part numbers are on stock at EDC.



Product page



Catalogue

CONTROL DIRECTIONAL VALVE

for Extreme Environments – Series Viking Xtreme

Viking Xtreme Valve - Solenoid operated - 15 mm DIN C solenoid (w/o or w solenoid operator*)

* Solenoid operator(s) and connector/plug(s) must be ordered separately.

- 4 Sizes from G1/8 to G1/2
- Large range of flow from Qn 660 NI/mn to 2700 NI/mn
- Short change over time
- Maximum Operating Pressure up to 10 bar
- Large Operating Temperature from -10 °C to +50 °C
- Anodised Aluminum body



Ordering Information & Technical Specification

Size	Symbol	Without Operator	With 24 Vdc Operator
3/2 valves			
Electric /Spring			
G1/8		P2LAX311ESNXXX	P2LAX311ESNXB549
G1/4		P2LBX312ESNXXX	P2LBX312ESNXB549
G3/8		P2LCX313ESNXXX	P2LCX313ESNXB549
G1/2		P2LDX314ESNXXX	P2LDX314ESNXB549
5/2 valves			
Electric /Electric			
G1/8		P2LAX511EENXXX	P2LAX311EENXB549
G1/4		P2LBX512EENXXX	P2LBX312EENXB549
G3/8		P2LCX513EENXXX	P2LCX313EENXB549
G1/2		P2LDX514EENXXX	P2LDX314EENXB549
5/2 valves			
Electric /Spring			
G1/8		P2LAX511ESNXXX	P2LAX511ESNXB549
G1/4		P2LBX512ESNXXX	P2LBX512ESNXB549
G3/8		P2LCX513ESNXXX	P2LCX513ESNXB549
G1/2		P2LDX514ESNXXX	P2LDX514ESNXB549
5/2 valves			
Electric /Electric			
G1/8		P2LAX511EENXXX	P2LAX511EENXB549
G1/4		P2LBX512EENXXX	P2LBX512EENXB549
G3/8		P2LCX513EENXXX	P2LCX513EENXB549
G1/2		P2LDX514EENXXX	P2LDX514EENXB549

Leadtime:

Yellow highlighted Part numbers are on stock at EDC.

Size	Symbol	Without Operator	With 24 Vdc Operator
5/3 Closed Centre - Electric / Electric - Self Centring			
G1/8		P2LAX611EENXXX	P2LAX611EENXB549
G1/4		P2LBX612EENXXX	P2LBX612EENXB549
G3/8		P2LCX613EENXXX	P2LCX613EENXB549
G1/2		P2LDX614EENXXX	P2LDX614EENXB549
5/3 Pressure Centre - Electric / Electric - Self Centring			
G1/8		P2LAX711EENXXX	P2LAX711EENXB549
G1/4		P2LBX712EENXXX	P2LBX712EENXB549
G3/8		P2LCX713EENXXX	P2LCX713EENXB549
G1/2		P2LDX714EENXXX	P2LDX714EENXB549
5/3 Vented Centre - Electric / Electric - Self Centring			
G1/8		P2LAX811EENXXX	P2LAX811EENXB549
G1/4		P2LBX812EENXXX	P2LBX812EENXB549
G3/8		P2LCX813EENXXX	P2LCX813EENXB549
G1/2		P2LDX814EENXXX	P2LDX814EENXB549

15 mm DIN C (8 mm spacing) solenoid operator

Manual Overrides



	Without Manual Override	Flush (Not Extended)		Extended	
		Blue Override non locking	Yellow Override Locking	Blue Override non locking	Yellow Override Locking
Voltage					
12 Vdc	P2E-KV32B0	P2E-KV32B1	P2E-KV32B2	P2E-KV32B3	P2E-KV32B4
24 Vdc	P2E-KV32C0	P2E-KV32C1	P2E-KV32C2	P2E-KV32C3	P2E-KV32C4
48 Vdc	P2E-KV32D0	P2E-KV32D1	P2E-KV32D2	P2E-KV32D3	P2E-KV32D4
24 Vac 50Hz	P2E-KV31C0	P2E-KV31C1	P2E-KV31C2	P2E-KV31C3	P2E-KV31C4
48 Vac 50/60Hz	P2E-KV34D0	P2E-KV34D1	P2E-KV34D2	P2E-KV34D3	P2E-KV34D4
115 Vac 50Hz / 120 Vac 60 Hz	P2E-KV31F0	P2E-KV31F1	P2E-KV31F2	P2E-KV31F3	P2E-KV31F4
230 Vac 50Hz / 240 Vac 60 Hz	P2E-KV31J0	P2E-KV31J1	P2E-KV31J2	P2E-KV31J3	P2E-KV31J4

Cable plugs 15 mm - IP65 (8 mm pin spacing)

Description	Electrical protection	Cable length	Order code
	No protection	No cable	P8C-D
		2 metre	P8L-C2
		5 metre	P8L-C5
	LED + protection 24 VDC	No cable	P8C-D26C
	LED + protection 24 VDC/AC	2 metre	P8L-C226C
		5 metre	P8L-C526C



Product page



Catalogue

CONTROL DIRECTIONAL VALVE

for Extreme Environments – Series Viking Xtreme

Viking Xtreme Valve - Solenoid operated - 22 mm DIN B solenoid (w/o or w coil)

- Supplied with Industrial Operator type P2FP13N4D (Brass Extended non locking Manual Override)
- -10 °C/+50 °C – Up to 10 bar
- Supplied without or with 22 mm DIN B 24 Vdc Solenoid Coil
- DC 4,8 W – AC 8,5 VA – +/- 10 % - 100 % ED



Ordering Information & Technical Specifications

Size	Symbol	Without Coil	With 24 Vdc Coil
3/2 valves			
Electric signal /Spring			
G1/8		P2LAX311ESNDDN	P2LAX311ESNDDDB49
G1/4		P2LBX312ESNDDN	P2LBX312ESNDDDB49
G3/8		P2LCX313ESNDDN	P2LCX313ESNDDDB49
G1/2		P2LDX314ESNDDN	P2LDX314ESNDDDB49
3/2 valves			
Electric signal /Electric signal			
G1/8		P2LAX311EENDDN	P2LAX311EENDDDB49
G1/4		P2LBX312EENDDN	P2LBX312EENDDDB49
G3/8		P2LCX313EENDDN	P2LCX313EENDDDB49
G1/2		P2LDX314EENDDN	P2LDX314EENDDDB49
5/2 valves			
Electric signal /Spring			
G1/8		P2LAX511ESNDDN	P2LAX511ESNDDDB49
G1/4		P2LBX512ESNDDN	P2LBX512ESNDDDB49
G3/8		P2LCX513ESNDDN	P2LCX513ESNDDDB49
G1/2		P2LDX514ESNDDN	P2LDX514ESNDDDB49
5/2 valves			
Electric signal /Electric signal			
G1/8		P2LAX511EENDDN	P2LAX511EENDDDB49
G1/4		P2LBX512EENDDN	P2LBX512EENDDDB49
G3/8		P2LCX513EENDDN	P2LCX513EENDDDB49
G1/2		P2LDX514EENDDN	P2LDX514EENDDDB49

Size	Symbol	Without Coil	With 24 Vdc Coil
5/3 Closed Centre Valve - Electric / Electric - Self Centring			
G1/8		P2LAX611EENDDN	P2LAX611EENDDB49
G1/4		P2LBX612EENDDN	P2LBX612EENDDB49
G3/8		P2LCX613EENDDN	P2LCX613EENDDB49
G1/2		P2LDX614EENDDN	P2LDX614EENDDB49
5/3 Pressure Centre Valve - Electric / Electric - Self Centring			
G1/8		P2LAX711EENDDN	P2LAX711EENDDB49
G1/4		P2LBX712EENDDN	P2LBX712EENDDB49
G3/8		P2LCX713EENDDN	P2LCX713EENDDB49
G1/2		P2LDX714EENDDN	P2LDX714EENDDB49
5/3 Vented Centre Valve - Electric / Electric - Self Centring			
G1/8		P2LAX811EENDDN	P2LAX811EENDDB49
G1/4		P2LBX812EENDDN	P2LBX812EENDDB49
G3/8		P2LCX813EENDDN	P2LCX813EENDDB49
G1/2		P2LDX814EENDDN	P2LDX814EENDDB49

22 mm DIN B Solenoid Coil

Voltage	DC	AC 50/60 Hz
12 VDC	P2FCB445	
24 VDC	P2FCB449	P2FCB442
48 VDC	P2FCB451	P2FCB449
120 VAC		P2FCB453
230 VAC		P2FCB457
24 VDC Low power (2W)	P2FCB249*	

* To be used with operator P2FP13N2

Valve Sub-Bases

For Actuation air signal / 15 mm and 22 mm solenoid Coil (not compatible with 30 mm solenoid coil)

Type P2LAX / P2LBX
3/2 Valves



Type P2LAX
5/2 & 5/3 Valves



Type P2LBX
5/2 & 5/3 Valves



For 4 valves	91213204SXZ	9121658075	9121594806X
For 6 valves	91213206SXZ	9121658076	9121594807X
For 8 valves	91213208SXZ	9121658077	9121594808X



Blanking Plate	912132BPSXZ	9121658063	9121594809X
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Leadtime:

Yellow highlighted part numbers are on stock at EDC.



Product page



Catalogue

CONTROL DIRECTIONAL VALVE

for Extreme Environments – Series Viking Xtreme

Viking Xtreme Valve - Solenoid operated - 22 mm DIN B solenoid (w/o or w coil)

- Supplied with Mobile Operator type P2FP13H4D
(Brass Extended non locking Manual Override)
- -40 °C/+60 °C – P2LAX/P2LBX Up to 16 bar – P2LCX/P2LDX Up to 12 bar
- Supplied without or with 22mm DIN B 24 Vdc Solenoid Coil
DC 4,8 W – AC 8,5 VA – +/- 10 %
- Compatible with:
 - Industrial solenoid coil -10 °C/+50 °C: > 22 mm DIN B coil – DC 4.8 W +/-10 %
 - Mobile solenoid coil -40 °C/+60 °C: > 30 mm DIN A coil – DC 6,8 W +/-30 %
> 22 mm DIN B coil – DC 6,0 W +30 %/-10 %



Ordering Information & Technical Specifications

Size	Symbol	Without Coil	With 24 Vdc Coil
3/2 valves			
Electric signal /Spring			
G1/8		P2LAX311ESHDDN	P2LAX311ESHDDDB49
G1/4		P2LBX312ESHDDN	P2LBX312ESHDDDB49
G3/8		P2LCX313ESHDDN	P2LCX313ESHDDDB49
G1/2		P2LDX314ESHDDN	P2LDX314ESHDDDB49
3/2 valves			
Electric signal /Electric signal			
G1/8		P2LAX311EEHDDN	P2LAX311EEHDDDB49
G1/4		P2LBX312EEHDDN	P2LBX312EEHDDDB49
G3/8		P2LCX313EEHDDN	P2LCX313EEHDDDB49
G1/2		P2LDX314EEHDDN	P2LDX314EEHDDDB49
5/2 valves			
Electric signal /Spring			
G1/8		P2LAX511ESHDDN	P2LAX511ESHDDDB49
G1/4		P2LBX512ESHDDN	P2LBX512ESHDDDB49
G3/8		P2LCX513ESHDDN	P2LCX513ESHDDDB49
G1/2		P2LDX514ESHDDN	P2LDX514ESHDDDB49
5/2 valves			
Electric signal /Electric signal			
G1/8		P2LAX511EEHDDN	P2LAX511EEHDDDB49
G1/4		P2LBX512EEHDDN	P2LBX512EEHDDDB49
G3/8		P2LCX513EEHDDN	P2LCX513EEHDDDB49
G1/2		P2LDX514EEHDDN	P2LDX514EEHDDDB49

Size	Symbol	Without Coil	With 24 Vdc Coil
5/3 Closed Centre Valve - Electric / Electric - Self Centring			
G1/8		P2LAX611EEHDDN	P2LAX611EEHDDDB49
G1/4		P2LBX612EEHDDN	P2LBX612EEHDDDB49
G3/8		P2LCX613EEHDDN	P2LCX613EEHDDDB49
G1/2		P2LDX614EEHDDN	P2LDX614EEHDDDB49
5/3 Pressure Centre Valve - Electric / Electric - Self Centring			
G1/8		P2LAX711EEHDDN	P2LAX711EEHDDDB49
G1/4		P2LBX712EEHDDN	P2LBX712EEHDDDB49
G3/8		P2LCX713EEHDDN	P2LCX713EEHDDDB49
G1/2		P2LDX714EEHDDN	P2LDX714EEHDDDB49
5/3 Vented Centre Valve - Electric / Electric - Self Centring			
G1/8		P2LAX811EEHDDN	P2LAX811EEHDDDB49
G1/4		P2LBX812EEHDDN	P2LBX812EEHDDDB49
G3/8		P2LCX813EEHDDN	P2LCX813EEHDDDB49
G1/2		P2LDX814EEHDDN	P2LDX814EEHDDDB49

30 mm DIN A & 22mm DIN B Solenoid Coil

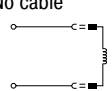
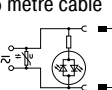
Voltage	Industrial Coil		Mobile Coil	
	22mm DIN B	22mm DIN B	22mm DIN B	30 mm DIN A
	DC	AC 50/60 Hz	DC	DC
12 V	P2FCB445		P2FCB447	P2FCA447
24 V	P2FCB449	P2FCB442	P2FCB448	P2FCA448
48 V	P2FCB451	P2FCB449		P2FCA474
72 V				P2FCA470
96 V				P2FCA471
110 V				P2FCA472
120 V		P2FCB453		
230 V		P2FCB457		

Leadtime:

Yellow highlighted part numbers are on stock at EDC.

Solenoid Connectors / Cable Plugs EN176301-803

Standard IP65, with standard screw

	Description	22 x 30 DIN Form B	23 X 30 DIN Form A
No cable 	Without Led, without protection	3EV10V10	3EV290V10
	With LED and protection 24 Vac/Vdc	3EV10V20-24	3EV290V20-24
	With LED and protection 110 Vac	3EV10V20-110	3EV290V20-110
	With LED and protection 230 Vac	3EV10V20-230	3EV290V20-230
5 metre cable 	With LED and protection 24 Vac / Vdc	3EV10V20-24L5	3EV290V20-24L5
	With LED and protection 110 Vac	3EV10V20-110L5	3EV290V20-110L5
	With LED and protection 230 Vac	3EV10V20-230L5	3EV290V20-230L5



Product page



Catalogue

AIR PREPARATION

Global FRL Combos – Series P31

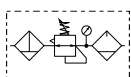
Global FRL combos can be a 2 or 3-piece modular mounted particulate filter, regulator and mist style lubricator. These combos provide accurate pressure regulation, high moisture removal efficiency and proportional oil delivery over a range of air flows.

- 40 mm, air ports G1/4
- 2, 4, 16 bar, non-relieving regulators as an option
- Pulse drain and metallic bowl as an option
- Polycarbonate bowl, plastic bowl guard as standard



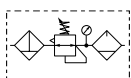
Ordering Information & Technical Specifications

Combination Filter + Regulator + Lubricator, 8 bar, 5 micron



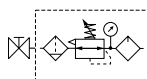
Port size	Flow		Manual Drain	Pulse drain
	dm ³ /s	(scfm)		
G1/4	13	27	P31CB12GEMNTLNW	P31CB12GEBNTLNW

Combination Filter/Regulator + Lubricator, 8 bar, 5 micron



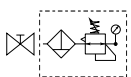
Port size	Flow		Manual Drain	Pulse drain
	dm ³ /s	(scfm)		
G1/4	13	27	P31CA12GEMNTLNW	P31CA12GEBNTLNW

Combination Ball Valve + Filter/Regulator + Lubricator, 8 bar, 5 micron



Port size	Flow		Manual Drain	Pulse drain
	dm ³ /s	(scfm)		
G1/4	13	27	P31QA12GEMNTLNW	P31QA12GEBNTLNW

Combination Ball Valve + Filter/Regulator, 8 bar, 5 micron



Port size	Flow		Manual Drain	Pulse drain
	dm ³ /s	(scfm)		
G1/4	13	27	P31QN12GEMNTW	P31QN12GEBNTW

Note: use P31KA92CP kit for converting to NPT air ports

Leadtime:

1 working day for standard items
highlighted yellow,
50 working days for others.



Product page



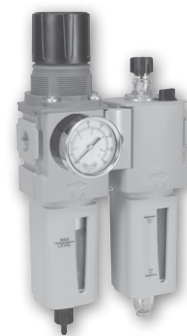
Catalogue

AIR PREPARATION

Global FRL Combos – Series P32

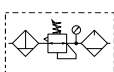
Global FRL combos can be a 2 or 3-piece modular mounted particulate filter, regulator and mist style lubricator. These combos provide accurate pressure regulation, high moisture removal efficiency and proportional oil delivery over a range of air flows.

- P32 Series, 60 mm, air port G1/2
- Available in air ports G1/4 and G3/8
- Mixity with P33 series by using same body connector kit
- 2, 4, 16 bar, non-relieving regulators as an option
- Auto drain and metallic bowl as an option
- Polycarbonate bowl, plastic bowl guard as standard



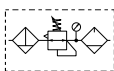
Ordering Information & Technical Specifications

Combination Filter + Regulator + Lubricator, 8 bar, 5 micron



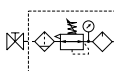
Port size	Flow		Manual drain	Auto drain
	dm ³ /s	(scfm)		
G1/2	40	85	P32CB14GEMNGLNW	P32CB14GEANGLNW

Combination Filter/Regulator + Lubricator, 8 bar, 5 micron



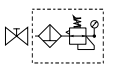
Port size	Flow		Manual drain	Auto drain
	dm ³ /s	(scfm)		
G1/2	43	90	P32CA14GEMNGLNW	P32CA14GEANGLNW

Combination Ball Valve + Filter/Regulator + Lubricator, 8 bar, 5 micron



Port size	Flow		Manual drain	Auto drain
	dm ³ /s	(scfm)		
G1/2	43	90	P32QA14GEMNGLNW	P32QA14GEANGLNW

Combination Ball Valve + Filter/Regulator, 8 bar, 5 micron



Port size	Flow		Manual drain	Auto drain
	dm ³ /s	(scfm)		
G1/2	43	90	P32QN14GEMNGW	P32QN14GEANGW

Note: use P32KA94CP kit for converting to 1/2NPT air ports
 P32KA13CP to G3/8, P32KA93CP to 3/8NPT
 P32KA12CP to G1/4, P32KA92CP to 1/4NPT

Leadtime:

1 working day for standard items
 highlighted yellow,
 50 working days for others.



Product page



Catalogue

AIR PREPARATION

Global FRL Combos, 73 mm, Air Port G3/4 – Series P33

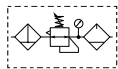
Global FRL combos can be a 2 or 3-piece modular mounted particulate filter, regulator and mist style lubricator. These combos provide accurate pressure regulation, high moisture removal efficiency and proportional oil delivery over a range of air flows.

- Available in air port G1/2
- Mixity with P32 series by using same body connector kit
- 2, 4, 16 bar, non-relieving regulators as an option
- Auto drain and metallic bowl as an option
- Polycarbonate bowl, plastic bowl guard as standard



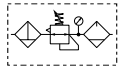
Ordering Information & Technical Specifications

Combination Filter + Regulator + Lubricator, 8 bar, 5 micron



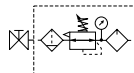
Port size	Flow		Manual drain	Auto drain
	dm ³ /s	(scfm)		
G3/4	52	110	P33CB16GEMNGLNW	P33CB16GEANGLNW

Combination Filter/Regulator + Lubricator, 8 bar, 5 micron



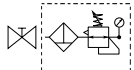
Port size	Flow		Manual drain	Auto drain
	dm ³ /s	(scfm)		
G3/4	71	150	P33CA16GEMNGLNW	P33CA16GEANGLNW

Combination Ball Valve + Filter/Regulator + Lubricator, 8 bar, 5 micron



Port size	Flow		Manual drain	Auto drain
	dm ³ /s	(scfm)		
G3/4	71	150	P33QA16GEMNGLNW	P33QA16GEANGLNW

Combination Ball Valve + Filter/Regulator, 8 bar, 5 micron



Port size	Flow		Manual drain	Auto drain
	dm ³ /s	(scfm)		
G3/4	71	150	P33QN16GEMNGW	P33QN16GEANGW

Note: use P32KA96CP kit for converting to 3/4NPT air ports
 P32KA14CP to G1/2, P32KA94CP to 1/2NPT
 P32KA13CP to G3/8, P32KA93CP to 3/8NPT

Leadtime:

1 working day for standard items
 highlighted yellow,
 50 working days for others.



Product page

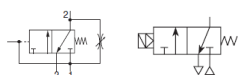


Catalogue

AIR PREPARATION

Global FRL Combos, G3/4 Body Air Ports Threaded, 80 mm – Series P33

- Safety exhaust valves categories 3 & 4
- Mixity with P32 series and P33 series using the same link kit
- Can be used as a stand alone unit



Ordering Information & Technical Specifications

Series	Air Port Size	PLC Output for solenoid Output for sensors	Order Code
P33	G3/4 Dump	Relay 2&4, common 3 1&2, 1&4, common 3	P33DB16AAEN
		Rockwell 2&4, common 3 1&2, 5&4, common 3	P33DB16ABEN
		Siemens 3&4 1&2, 1&4, common 3	P33DB16CAEN
		Siemens 3&4 5&2, 1&4, common 3	P33DB16CCEN
		Rockwell & Turk 2&4 5&2, 1&4, common 3	P33DB16DCEN
	G3/4 SS/Dump	Relay 2&4, common 3 1&2, 1&4, common 3	P33TB16AAEN
		Rockwell 2&4, common 3 1&2, 5&4, common 3	P33TB16ABEN
		Siemens 3&4 1&2, 1&4, common 3	P33TB16CAEN
		Siemens 3&4 5&2, 1&4, common 3	P33TB16CCEN
		Rockwell & Turk 2&4 5&2, 1&4, common 3	P33TB16DCEN
P3D		Gauge 40mm	P3D-KAB1AHN

Mounting Kits



Series	Description	Order Code
P31	Body Connector	P31KA00CB
P32		P32KA00CB
P33		



Series	Description	Order Code
P31	T-Bracket w/ Body Connector	P31KA00MT
P32		P32KA00MT
P33		

End Port Blocks



Series	Air Port Size	Description	Order Code
P31	1/4NPT	Change port size	P31KA92CP
	G1/4		P31KA12CP
P32, P33	3/8NPT		P32KA93CP
	G3/8		P32KA13CP
P32, P33	1/2NPT		P32KA94CP
	G1/2		P32KA14CP
P32, P33	3/4NPT		P32KA96CP
	G3/4		P32KA16CP

Note: O-ring included in the kit



Series	Air Port Size	Description	Order Code
P31	1/4NPT	Port Block Kit w/ T-Brackets	P31KA92CN
	G1/4		P31KA12CN

Leadtime:
1 working day for standard items highlighted yellow, 50 working days for others.



Product page



Catalogue

AIR PREPARATION

Accessories

Particulates Filters



Series	Air Port Size	Description	Order Code
P31	G1/4 5 micron	Plastic guard/Sight gauge/Poly bowl/Manual drain	P31FB12EGMN
		Plastic guard/Sight gauge/Poly bowl/Pulse drain	P31FB12EGBN
		Metal bowl/Manual drain	P31FB12EMMN
		Metal bowl/Pulse drain	P31FB12EMBN
P32	G3/8 5 micron	Plastic guard/Sight gauge/Poly bowl/Manual drain	P32FB13EGMN
		Plastic guard/Sight gauge/Poly bowl/Auto drain	P32FB13EGAN
		Metal bowl/Sight gauge/Manual drain	P32FB13ESMN
		Metal bowl/Sight gauge/Auto drain	P32FB13ESAN
	G1/2 5 micron	Plastic guard/Sight gauge/Poly bowl/Manual drain	P32FB14EGMN
		Plastic guard/Sight gauge/Poly bowl/Auto drain	P32FB14EGAN
		Metal bowl/Sight gauge/Manual drain	P32FB14ESMN
		Metal bowl/Sight gauge/Auto drain	P32FB14ESAN
P33	G3/4 5 micron	Plastic guard/Sight gauge/Poly bowl/Manual drain	P33FA16EGMN
		Plastic guard/Sight gauge/Poly bowl/Auto drain	P33FA16EGAN
		Metal bowl/Sight gauge/Manual drain	P33FA16ESMN
		Metal bowl/Sight gauge/Auto drain	P33FA16ESAN

Coalescers, Adsorbers Filters



Series	Air Port Size	Description	Order Code
P31	G1/4 0,01 micron	Plastic guard/Sight gauge/Poly bowl/Pulse drain	P31FB12CGBN
		Metal bowl/Pulse drain	P31FB12CMBN
	G1/4 Activated carbon	Plastic guard/Sight gauge/Poly bowl/Manual drain	P31FB12AGMN
		Metal bowl/Manual drain	P31FB12AMMN
P32	G3/8 0,01 micron	Plastic guard/Sight gauge/Poly bowl/Auto drain	P32FB13DGAN
		Metal bowl/Sight gauge/Auto drain	P32FB13DSAN
	G3/8 Activated carbon	Plastic guard/Sight gauge/Poly bowl/Manual drain	P32FB13AGMN
		Metal bowl/Sight gauge/Manual drain	P32FB13ASMN
	G1/2 0,01 micron	Plastic guard/Sight gauge/Poly bowl/Auto drain	P32FB14DGAN
		Metal bowl/Sight gauge/Auto drain	P32FB14DSAN
	G1/2 Activated carbon	Plastic guard/Sight gauge/Poly bowl/Manual drain	P32FB14AGMN
		Metal bowl/Sight gauge/Manual drain	P32FB14ASMN
P33	G3/4 0,01 micron	Plastic guard/Sight gauge/Poly bowl/Auto drain	P33FA16DGAN
		Metal bowl/Sight gauge/Auto drain	P33FA16DSAN
	G3/4 Activated carbon	Plastic guard/Sight gauge/Poly bowl/Manual drain	P33FA16AGMN
		Metal bowl/Sight gauge/Manual drain	P33FA16ASMN

Bowls, Mounting Kits



Series	Air Port Size	Metal Bowl	Metal Bowl	Order Code
P31	G1/4	Manual drain	P31KB00BMM Pulse drain P31KB00BMB	C-Bracket P31KA00MW
P32	G3/8, G1/2	Manual drain	P32KB00BSM Auto drain P32KB00BSA	L-Bracket P32KA00ML
P33	G3/4	Manual drain	P33KA00BSM Auto drain P33KA00BSA	L-Bracket P33KA00ML

Note: coalescers with pulse or auto drain depending on size
adsorbers with manual drain

Leadtime:

Yellow highlighted part numbers are on stock at EDC.

Regulators & Common P1 Regulators



Series	Air Port Size	Description	Order Code
P31	G1/4	0-8 bar / Relieving	P31RB12BNTP
		0-8 bar / Relieving / Common P1	P31HB12BNTP
P32	G3/8	0-8 bar / Relieving	P32RB13BNGP
		0-8 bar / Relieving / No gauge / Common P1	P32HB13BNNP
	G1/2	0-8 bar / Relieving	P32RB14BNGP
		0-8 bar / Relieving / No gauge / Common P1	P32HB14BNNP
P33	G3/4	0-8 bar / Relieving	P33RA16BNGP
		-	-

Note: Manifold style regulator with line pressure on both sides
Gauge not fitted on the product when delivering

Filter/Regulators



Series	Air Port Size	Description	Order Code
P31	G1/4 5 micron 0-8 bar	Plastic guard/Sight gauge/Poly bowl/Manual drain	P31EB12EGMBNTP
		Plastic guard/Sight gauge/Poly bowl/Pulse drain	P31EB12EGBBNTP
		Metal bowl/Manual drain	P31EB12EMMBNTP
		Metal bowl/Pulse drain	P31EB12EMBBNTP
P32	G3/8 5 micron 0-8 bar	Plastic guard/Sight gauge/Poly bowl/Manual drain	P32EB13EGMBNGP
		Plastic guard/Sight gauge/Poly bowl/Auto drain	P32EB13EGABNGP
		Metal bowl/Sight gauge/Manual drain	P32EB13ESMBNGP
		Metal bowl/Sight gauge/Auto drain	P32EB13ESABNGP
	G1/2 5 micron 0-8 bar	Plastic guard/Sight gauge/Poly bowl/Manual drain	P32EB14EGMBNGP
		Plastic guard/Sight gauge/Poly bowl/Auto drain	P32EB14EGABNGP
		Metal bowl/Sight gauge/Manual drain	P32EB14ESMBNGP
		Metal bowl/Sight gauge/Auto drain	P32EB14ESABNGP
P33	G3/4 5 micron 0-8 bar	Plastic guard/Sight gauge/Poly bowl/Manual drain	P33EA16EGMBNGP
		Plastic guard/Sight gauge/Poly bowl/Auto drain	P33EA16EGABNGP
		Metal bowl/Sight gauge/Manual drain	P33EA16ESMBNGP
		Metal bowl/Sight gauge/Auto drain	P33EA16ESABNGP

Note: gauge not fitted on the product when delivering

Bowls, Mounting Kits



Series	Air Port Size	Metal Bowl		Metal Bowl			Order Code
P31	G1/4	Manual drain	P31KB00BMM	Pulse drain	P31KB00BMB	Angle Bracket	P31KA00MW
P32	G3/8, G1/2	Manual drain	P32KB00BSM	Auto drain	P32KB00BSA	Angle Bracket	P32KA00ML
P33	G3/4	Manual drain	P33KA00BSM	Auto drain	P33KA00BSA	Angle Bracket	P33KA00ML

Nuts/Safety Kits



Series	Air Port Size	Description	Alu.	Plastic	Tamper
P31	G1/4	Alu. / Plastic Nuts / Tamper Proof Lockable Cover	P31KA00MM	P31KA00MP	P31KB00AL
P32	G3/8, G1/2	Alu. / Plastic Nuts / Tamper Proof Lockable Cover	P32KA00MM	P32KA00MP	P32KB00AL
P33	G3/4	Alu. / Plastic Nuts	P33KA00MM	P33KA00MP	-

Lubricators



Series	Air Port Size	Description	Order Code
P31	G1/4 Oil mist	Plastic guard/Sight gauge/Poly bowl/No drain	P31LB12LGNN
		Metal bowl/No drain	P31LB12LMNN
P32	G3/8 Oil mist	Plastic guard/Sight gauge/Poly bowl/No drain	P32LB13LGNN
		Metal bowl/Sight gauge/No drain	P32LB13LSNN
	G1/2 Oil mist	Plastic guard/Sight gauge/Poly bowl/No drain	P32LB14LGNN
		Metal bowl/Sight gauge/No drain	P32LB14LSNN
P33	G3/4 Oil mist	Plastic guard/Sight gauge/Poly bowl/No drain	P33LA16LGNN
		Metal bowl/Sight gauge/No drain	P33LA16LSNN

Bowls, Mounting Kits



			Order Code		Order Code
P31	G1/4	Metal Bowl No drain	P31KA00BMN	C-Bracket	P31KA00MW
P32	G3/8, G1/2	Metal Bowl No drain	P32KB00BSN	L-Bracket	P32KA00ML
P33	G3/4	Metal Bowl No drain	P33KA00BSN	L-Bracket	P33KA00ML

Soft Start, Dump, Combined Valves



Series	Air Port Size	Description	Order Code
P31	G1/4 Soft Start	Internal air pilot operated	P31SA12Y0N
		External 1/8 air pilot operated	-
		24VDC solenoid / 15 mm Plug No LED	P31SA12SGNC2CN
P32	G1/2 Soft Start	Internal air pilot operated	P32SA14Y0N
P33		External 1/8 air pilot operated	P32SA14PPN
		24VDC solenoid / 30 mm Plug No LED	P32SA14SCNA2CN
P31	G1/4 Dump	Internal air pilot operated	-
		External 1/8 air pilot operated	-
		24VDC solenoid / 15 mm Plug No LED	P31DA12SGNC2CN
P32	G1/2 Dump	Internal air pilot operated	-
P33"		External 1/8 air pilot operated	P32DA14PPN
		24VDC solenoid / 30 mm Plug No LED	P32DA14SCNA2CN
P31	G1/4 SS / Dump	Internal air pilot operated	-
		External 1/8 air pilot operated	-
		24VDC solenoid / 15 mm Plug No LED	P31TA12SGNC2CN
P32	G1/2 SS / Dump	Internal air pilot operated	-
P33		External 1/8 air pilot operated	P32TA14PPN
		24VDC solenoid / 30 mm Plug No LED	P32TA14SCNA2CN

Note: silencer for dump and combined valves are with and not fitted on the product when delivering

Manifold Branch Blocks



Series	Air Port Size	Description	Order Code
P31	G1/4	2 auxiliary air ports top and bottom faces 1/4	P31MA12022N
P32	G1/2	2 auxiliary air ports top 1/4, bottom 1/2	P32MA14024N
		2 auxiliary air ports top and bottom faces 1/4 *	P32MD14022N
P33	G3/4	2 auxiliary air ports top 1/4, bottom 1/2	P33MA16024N

* compact design

Ball Valves



Series	Air Port Size	Description	Order Code
P31	G1/4	Lockable	P31VB12LBNN
P32	G3/8	Lockable	P32VB13LBNN
	G1/2	Lockable	P32VB14LBNN
P33	G3/4	Lockable	P33VB16LBNN

Note: Lockout tab and muffler supplied with product.

Leadtime:
Yellow highlighted part numbers are on stock at EDC.



Product page



Catalogue

Pressure Gauges

• Double scale



Round Gauges			Square Digital Gauge	
Series	Description	Order Code	Function	Order Code
P32/P33	G1/4 on back face, 60PSI/4BAR, metallic ring, D 50 mm	P6G-ERB2040	Analogue	MPS-P34G-PCI
	G1/4 on back face, 160PSI/10BAR, metallic ring, D 50 mm	P6G-ERB2110	Cable 2 metre	CB-M8-4P-2M-PUR
	G1/4 on back face, 300PSI/20BAR, metallic ring, D 50 mm	P6G-ERB2200	Cable 5 metre	CB-M8-4P-5M-PUR
P3X/P3Y	G1/4 on back face, 10BAR, no ring, D 40 mm	KG8012-00	Male 1/4 to female 1/8	0178 13 10
	G1/4 on back face, 20BAR, no ring, D 40 mm	KG8013-00		

Service kits



Series	Particulate dust 5 micron	Pre Filter 1 micron	Coalescer Filter 0,01 micron	Adsorber Filter	Plastic silencer
With bowl O-Ring (not showed with the picture)					BV, Dump, SS/Dump Valves
P31	P31KA00ESE	P31KA00ES9	P31KA00ESC	P31KA00ESA	P6M-PAB2
P32	P32KA00ESE	P32KA00ES9	P32KA00ESC	P32KA00ESA	P6M-PAB4
P33	P33KA00ESE	P33KA00ES9	P33KA00ESC	P33KA00ESA	P6M-PAB4
P3X	P3XKA00ESE	P3XKA00ES9	P3XKA00ESC	P3XKA00ESA	
P3Y	P3YKA00ESE, P3YKA00ESG (40 micron)	P3YKA00ES9	P3YKA00ESC	P3YKA00ESA	



Product page



Catalogue

AIR PREPARATION

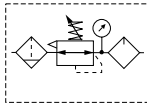
P3Y FRL Combos

- 90 mm, air ports G3/4, G1
- 12 bar, 16 as an option, non-relieving regulators as an option
- Auto drain as an option
- Polyamid bowl, aluminium painted guard as standard
- Also available in G1 1/2 air port size with end blocks



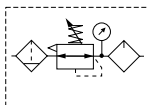
Ordering Information & Technical Specifications

Combination Filter + Regulator + Lubricator, 12 bar, 5 micron



Port size	Flow dm³/s	Manual/Semi-Auto Drain	Auto drain
G3/4	91	P3YCB16SECNFLNF	P3YCB16SEANFLNF
G1	174	P3YCB18SECNFLNF	P3YCB18SEANFLNF

Combination Filter/Regulator + Lubricator, 12 bar, 5 micron



Port size	Flow dm³/s	Manual/Semi-Auto Drain	Auto drain
G3/4	101	P3YCA16SECNFLNF	P3YCA16SEANFLNF
G1	168	P3YCA18SECNFLNF	P3YCA18SEANFLNF

Note: use P3YKA1CCP kit for converting to G1 1/2.

Filters particulates 5 micron



Port size	Description	Order Code
G3/4	Manual drain/Semi auto	P3YFA16ESCN
G3/4	Auto drain	P3YFA16ESAN
G1	Manual drain / Semi auto	P3YFA18ESCN
G1	Auto drain	P3YFA18ESAN

Coalescer 0,01 micron Filters



Port size	Description	Order Code
G3/4	Coalescing Filter 0.01µm, auto drain	P3YFA16DSAN
G1	Coalescing Filter 0.01µm, auto drain	P3YFA18DSAN

Filters particulates 1 micron



Port size	Description	Order Code
G3/4	Manual drain/Semi auto	P3YFA162SCN
G3/4	Auto drain	P3YFA162SAN
G1	Manual drain / Semi auto	P3YFA182SCN
G1	Auto drain	P3YFA182SAN

Adsorber Filters



Port size	Description	Order Code
G3/4	Adsorber 0.01 µm, manual drain	P3YFA16ASCN
G1	Adsorber 0.01 µm, manual drain	P3YFA18ASCN

Leadtime:

Yellow highlighted part numbers are on stock at EDC.

Regulators



Port size	Description	Order Code
G3/4	12 bar relieving + gauge	P3YRA16BNFN
G1	12 bar relieving + gauge	P3YRA18BNFN
G3/4	12 bar relieving, lockable + gauge	P3YRA16BAFN
G1	12 bar relieving, lockable + gauge	P3YRA18BAFN

Lubricators



Port size	Description	Order Code
G3/4	Oil mist, no drain	P3YLA16LSNN
G1	Oil mist, no drain	P3YLA18LSNN

Filter/Regulators



Port size	Description	Order Code
G3/4	12 bar, relieving manual/semi auto + gauge	P3YEA16GSCBNFN
G3/4	12 bar, relieving auto drain + gauge	P3YEA16GSABNFN
G1	12 bar, relieving manual/semi auto + gauge	P3YEA18GSCBNFN
G1	12 bar, relieving auto drain + gauge	P3YEA18GSABNFN

Pressure Gauges



	Order Code
0 - 10 bar	KG8012-00
0 - 16 bar	KG8013-00

Combined Soft Start Dump Valve and Remote Operated Dump Valve



Port size	Description	Order Code
G3/4	24VDC 22mm coil	P3YTA16SCNB2CN
G1	24VDC 22mm coil	P3YTA18SCNB2CN

Ball Valve



Port size	Description	Order Code
G3/4	Ball Valve	P3YVA16LBN
G1	Ball Valve	P3YVA18LBN

Manifold Block



Port size	Description	Width	Order Code
G3/4 - G1	Modular Manifold	(80 mm)	P3YMA1V0N

Air Pilot Regulator



Port size	Description	Order Code
G3/4	Pilot operated regulator	P3YRA16BPPN
G1	Pilot operated regulator	P3YRA18BPPN

End Port Blocks Kit



Port size	Description	Order Code
G1.1/2	Port block kit - BSPP	P3YKA1BCP



Description	Order Code
Neck mounting	P3YKA00MS

Wall mounting bracket kit



Description	Order Code
Wall mounting brackets	P3YKA00CW

Connector kit



Description	Order Code
Connector kit	P3YKA00CB

Leadtime:

Yellow highlighted part numbers are on stock at EDC.



Product page



Catalogue

