

CATFORD

Jamestown

SA 5491

ENGINEERING PRODUCTS

All Prices Excluding GST

Phone: 0418 641 566

www.catford.com.au sales@catford.com.au

PV4 Proportional Valves

- *Pump-Side Modules
- *Load Sense Solenoid
- Unloading Valves
- *Pilot Oil Supply Adaptors
- *Levers
- *Spool Assembly
- *Port Relief Shock & Suction Valves
- *Controllers
- *Seal & Bolt Kits





Lot 25, Mannanarie Road, Jamestown, South Australia 5491

PO Box 178, Jamestown, South Australia 5491



0418 641 566



sales@catford.com.au

Due to fluctuations in the Australian dollar and the economic climate, please be advised that all prices are subject to change.
Please contact us to confirm pricing.

All prices stated within are exclusive of GST
(All prices are correct as of January 1st 2022, but Catford Engineering reserve the right to change these prices without notice)

PV4 Proportional Valves

CATFORD Jamestown
SA 5491
CE ENGINEERING
PRODUCTS

Phone: 0418 641 566

www.catford.com.au sales@catford.com.au

Pump Side Modules	217
Pilot Oil Supply Adaptors	217
Load Sense Solenoid Unloading Valves	217
Basic Modules	218
Levers	217
Spool Assembly	218
Side Options	218
Port Relief Shock & Suction Valves	219
Hydraulic Pilot Controllers	218
Electrical Controllers	219
Seal Kits	219
End Caps	219
Bolt Kits	219



**Inlet flow to 230 lpm
Spool flow to 130 lpm**

Max pressure 350 bar

**Contact us for further
product specs or advice**

PV4 Pump Side Module

Part #	List Price \$	Max Flow	Pump Type	Pilot Oil	Actuation	Unloader Valve Port	Shock Valve
PV4P0101-G6	528.00	140 lpm	Fixed	No	Mechanical	No	No
PV4P0201-G6	528.00	140 lpm	Variable	No	Mechanical	No	No
PV4P0102-G6	606.00	140 lpm	Fixed	Yes	Electrical	No	No
PV4P0202-G6	606.00	140 lpm	Variable	Yes	Electrical	No	No
PV4P0103-G6	606.00	140 lpm	Fixed	No	Mechanical	Yes	No
PV4P0203-G6	606.00	140 lpm	Variable	No	Mechanical	Yes	No
PV4P0104-G6	701.00	140 lpm	Fixed	Yes	Electrical	Yes	No
PV4P0204-G6	701.00	140 lpm	Variable	Yes	Electrical	Yes	No
PV4P0105-G6	690.00	140 lpm	Fixed	Yes	Electrical	No	No
PV4P0205-G6	690.00	140 lpm	Variable	Yes	Electrical	No	No
PV4P0106H-G6	657.00	140 lpm	Fixed	Yes	Hydraulic	No	No
PV4P0206H-G6	657.00	140 lpm	Variable	Yes	Hydraulic	No	No
PV4P0301-G8	432.00	150 lpm	Variable	Yes	Electrical	No	No
PV4P0302-G8	572.00	150 lpm	Variable	Yes	Electrical	No	Yes
PV4P0303-G8	528.00	230 lpm	Variable	Yes	Electrical	No	No
PV4P0304-G8	678.00	230 lpm	Variable	Yes	Electrical	No	Yes

PV4 Pilot Oil Supply Adaptors

Part #	List Price \$	Description
PV4-PCG	100.00	External pilot oil supply adaptor with check valve - for fixed displacement pumps
PV4-POG	50.00	External pilot oil supply adaptor - for fixed or variable displacement pumps

PV4 Load Sense Solenoid Unloading Valves

Part #	List Price \$	Type	Manual Override	Voltage
PV4-ELNXX (12/24)	251.00	Normally open	No	12/24v DC
PV4-ELFXX (12/24)	274.00	Normally closed	No	12/24v DC
PV4-ELNMXX (12/24)	390.00	Normally open	Yes	12/24v DC

PV4 Levers

Part #	List Price \$	Description
PV4-LM	139.00	Spring centering lever with stroke adjustment on A+B
2BMPV400661	54.00	Replacement handle

PV4 SECTIONAL VALVES

BASIC MODULES, SPOOL ASSEMBLY, B-SIDE OPTIONS, PILOT CONTROLLERS

PV4 Basic Module

Part #	List Price \$	A+B Shock-Suction Valve Ports	Load Drop Check Valve	Load Sense A+B Shuttle Valve	Non-damped Pressure Compensation	Damped Pressure Compensation	A+B Load Sense Relief Valves
PV4V01-G4	378.00						
PV4V01U-G4	422.00	YES					
PV4V02-G4	540.00		YES				
PV4V02U-G4	584.00	YES	YES				
PV4V03U-G4	724.00	YES		YES			
PV4V04-G4	712.00				YES		
PV4V04U-G4	745.00	YES			YES		
PV4V05-G4	724.00					YES	
PV4V05U-G4	750.00	YES				YES	
PV4V06-G4	1063.00				YES		YES
PV4V06U-G4	1135.00	YES			YES		YES
PV4V07-G4	1157.00					YES	YES
PV4V07U-G4	1190.00	YES				YES	YES

Note: when using multiple spools concurrently, use pressure compensated module

PV4 Spool Assembly

- Modules **PV4V01/02/03/04/05** are not compatible with AB spools
- Modules **PV4V03/06/07** require **AB** spools plus either **HA** or **FD**
- **FD spools** are recommended to be used with a pressure compensated module
- Other flow and pressure control spools are available on request

Part #	List Price \$	X		XXX		XXXX	
YLWPV420-X-XXX-XXXX	207.00	1	Cylinder spool	005	5 lpm spool	AB	Use with A+B relief module
		2	Motor spool	010	10 lpm spool	HA	Use with hydraulic actuation
		3	Single-acting on A	025	25 lpm spool	ABHA	Use with A+B relief module & hydraulic actuation
		4	Single-acting on B	040	40 lpm spool	FD	Use with friction detent
				065	65 lpm spool	ABFD	Use with A+B relief module & friction detent
				100	100 lpm spool		
				130	130 lpm spool		

PV4 B Side Options

- **EPVE** coils must be used with **HA** spool and cannot be used with **EPVO/EPVM**
- **EPVO/EPVM** can be used on the same valve

Part #	List Price \$	Description
PV4-CO	43.00	Standard cover for manual operation
PV4-FD	173.00	Friction detent
PV4-HAG2	130.00	Hydraulic actuation
EPVO-H0101	1008.00	Electrical on-off 11-30v
EPVE-12D	756.00	Use with PWM voltage control signal 12v DC
EPVE-24D	756.00	Use with PWM voltage control signal 24v DC
EPVM-H0111	1562.00	Proportional coil standard 12v DC
EPVM-H0121	1562.00	Proportional coil standard 24v DC

PV4 Hydraulic Pilot Controllers

Part #	List Price \$	Description	Axis	Flow	Inlet Pressure Range	A+B Outlet Pressure Range
JHP-1/1S-G2/8-A01B	417.00	Spring centre	Single	5-20 lpm	30-100 bar	5-19 bar
JHP-1/1S-G2/9-1-A01B	495.00	Spring centre friction detent	Single	5-20 lpm	30-100 bar	5-19 bar
JHP-1/1S-G2/FD-A01B	489.00	Friction detent	Single	5-20 lpm	30-100 bar	5-19 bar
JHP-1/1S-G2/LES-A01B	523.00	Safety lever detent in neutral	Single	5-20 lpm	30-100 bar	5-19 bar
JHP-2/01-G2/01-LCB-B02B	973.00	Spring centre	Dual	5-20 lpm	30-100 bar	6-25 bar

Note: all hydraulic pilot controllers are suitable for use with sectional, proportional and monoblock valves

PV4 B Port Relief Shock & Suction Valves

Part #	List Price \$	Setting Pressure (bar)	Setting Pressure (psi)
PV4-U32	100.00	32	464
PV4-U50	100.00	50	725
PV4-U63	100.00	63	914
PV4-U80	100.00	80	1160
PV4-U100	100.00	100	1450
PV4-U125	100.00	125	1813
PV4-U140	100.00	140	2030
PV4-U150	100.00	150	2175
PV4-U160	100.00	160	2320
PV4-U175	100.00	175	2538
PV4-U190	100.00	190	2755
PV4-U210	100.00	210	3045
PV4-U230	100.00	230	3335
PV4-U240	100.00	240	3480
PV4-U265	100.00	265	2843
PV4-U280	100.00	280	4061
PV4-U300	100.00	300	4351
PV4-U320	100.00	320	4641
PV4-U350	100.00	350	5075
PV4-C	80.00	Suction only	
PV4-DST	33.00	Cavity plug	

PV4 Electrical Controllers

Part #	List Price \$	Description
PVH-1	846.00	11-30v DC voltage control 25-75%

PV4 End Caps

Part #	List Price \$	Description	Material
PV4C0101	100.00	End plate, 300 bar	Aluminium
PV4C0102	145.00	End plate, 250 bar, LS port	Aluminium
PV4C0201	156.00	End plate, 350 bar	Cast iron
PV4C0202	200.00	End plate, 350 bar, LS port	Cast iron

PV4 Seal Kits

Part #	List Price \$	Description
PV4-SK-01	23.00	Seal Kit PV4 - Basic Section V01(U)
PV4-SK-02	25.00	Seal Kit PV4 - Basic Section V02(U) thru V07(U)
PV4-SK-03	28.00	Seal Kit PV4 - End Plate 101/102
PV4-SK-04	31.00	Seal Kit PV4 - End Plate 201/202
PV4-SK-05	33.00	Seal Kit PV4 - EPVM/EPVO
PV4-SK-06	36.00	Seal Kit PV4 - Friction Detent End Plate FD
PV4-SK-07	39.00	Seal Kit PV4 - Lever Kit LM 2BMPV400542
PV4-SK-08	41.00	Seal Kit PV4 - Inlet 101/103/201/203
PV4-SK-09	44.00	Seal Kit PV4 - Inlet 102/104/106/202/204/206
PV4-SK-10	46.00	Seal Kit PV4 - Inlet 105/205
PV4-SK-11	48.00	Seal Kit PV4 - End Cap CO 2BMPV400543

PV4 Bolt Kits

Part #	List Price \$	Part #	List Price \$	Part #	List Price \$	Part #	List Price \$	Part #	List Price \$
PV4M-001	22.00	PV4M-003	26.00	PV4M-005	31.00	PV4M-007	37.00	PV4M-009	41.00
PV4M-002	24.00	PV4M-004	29.00	PV4M-006	33.00	PV4M-008	39.00	PV4M-010	43.00