

Hydraulics Network



PISTON PUMPS

2023



OIL SOLUTIONS

PO Box 38

Strathfieldsaye, VIC, 3551

1800 OIL SOL

1800 645 765

sales@oilsolutions.com.au

www.oilsolutions.com.au

"For All Your Hydraulic Needs"

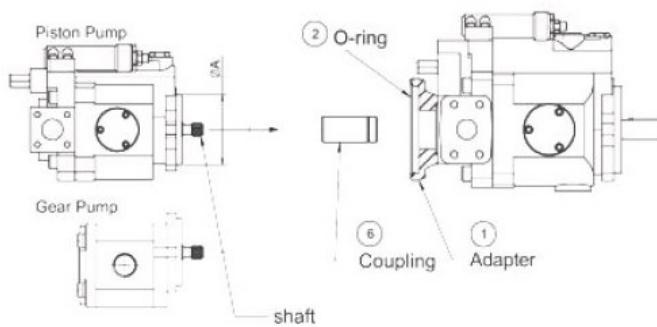
V-Axial Piston Pumps

Part #	List Price \$	Displacement at 100psi (7 bar)			Pressure Adj. Range	Speed RPM		Thread		Weight KG
		cm ³ /rev	1500rpm lpm	1800rpm lpm		Max	Min	Inlet	Outlet	
V15		15.0	22.5	27.0	1: 8~70 2: 15~140 3: 20~210 4: 20~250	1800	500	3/4" BSPP	3/4" BSPP	13
V23		23.0	35.4	41.4		1800	500	1" BSPP	3/4" BSPP	22
V38		37.8	56.7	68.0		1800	500	1.1/4" BSPP	1" BSPP	26
V50		51.5	77.2	92.7		1800	500	1.1/2" BSPP	1.1/4" BSPP	56
V70		69.7	104.5	125.4	1: 8~70 2: 15~140 3: 20~210	1800	500	1.1/2" BSPP	1.1/4" BSPP	56

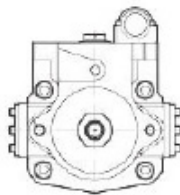
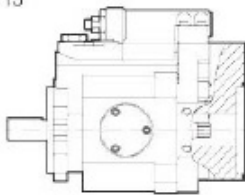
Pump 2

Pump 1

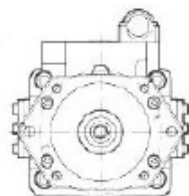
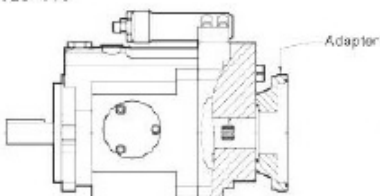
Standard



V15



V23-V70



Thru Drive Coupler



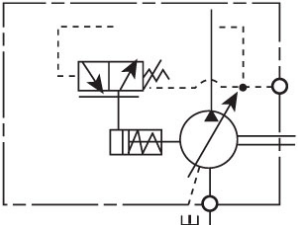
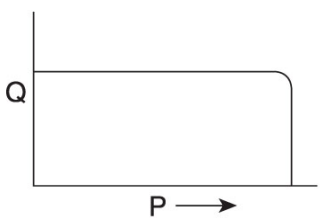
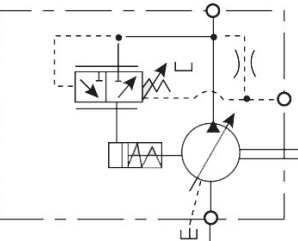
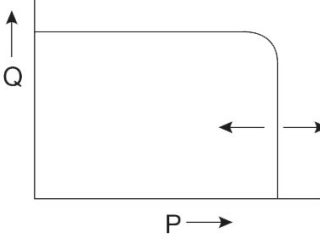
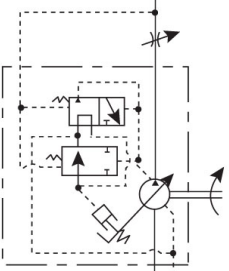
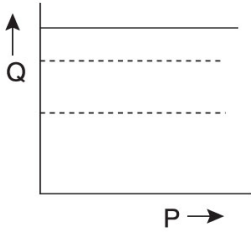
ORDER CODES FOR PISTON PUMPS

1	2	3	4	5	6	-	7	8	9	10
V	15	A	3	R					40	

1	SERIES
	Axial piston pump Variable displacement High pressure version Nominal pressure: 175 bar Maximum pressure: 280 bar Single operation period: 250 bar (6ms), 315 bar (2.5ms) V

2	SIZE & DISPLACEMENT
	15 23 38 50 70 Size 1 2 3 4 4 Displacement cm³/rev 15 23 37.8 51.5 69.7

3	CONTROL DEVICE	List Price \$ (V15/23/38)	List Price \$ (V50/70)	
	Standard pressure control	-	-	A
	Remote pressure control			G
	Load-sensing control high pressure			HLC

CONTROLS	SYMBOL	CHARACTERISTIC	SPECIFICATIONS
A			1. When system pressure increases and reaches required pressure, the flow decreases automatically and the pressure is constant. 2. Pressure and flow can be manually adjusted.
G			1. The same function of control type A. 2. Pressure can be adjusted remotely by the remote control valve.
HLC			1. HL valve with two different pressures, control displacement. 2. The flow can be changed by HL valve, the sensing feedback can reach low oil temperature and energy saving.

4	PRESSURE ADJUSTING		
	8 - 70 bar		1
	15 - 140 bar		2
	20 - 210 bar		3
	20 - 250 bar		4

5	ROTATION		
	Clockwise ↻		R
	Counter Clockwise ↺		L

6	DIRECTION OF PIPE CONNECTIONS				
	Standard: side port (flange)				(blank)
	Rear port (V15)		Rear Port (V23)		Rear Port (V38)
					B

7	SHAFT TYPE	Keyed (standard)		Spline (optional)	
	V15	Keyed 3/4"	(blank)	13T 16/32 DP	S
	V23, V38	Keyed 7/8"	(blank)	13T 16/32 DP	S
	V50, V70	Keyed 1.1/4"	(blank)	14T 12/24 DP	S

8	VOLTAGE - OPTION UNAVAILABLE		
---	------------------------------	--	--

9	THREAD TYPE		
	BSPP (G)		
			40

3	THRU DRIVE & SECOND PUMP	Part	List Price \$	
	Ø 82.55mm, SAE A	V15, V23, V38		D
	Ø 82.55mm, SAE A	V50, V70		D

Thru Drive Couplers

Part #	List Price \$	Piston Pump Displacement	Thru Drive Mount	Spline
COUPV15-15		V15-17	SAE A	9 Tooth
COUPV23-1		V23-25	SAE A	9 Tooth
COUPV38-1		V38-42	SAE A	9 Tooth
COUPV70-1		V50-70	SAE A	9 Tooth

V-Axial Piston Pump Seal Kits

Part #	List Price \$	Piston Pump
5E00033		V15-17
5E00035		V23-25
5E00037		V38-42
5E00042		V50-70

Hydraulics Network



1800-OILSOL
1800-645765

<https://oilsolutions.com.au/>

sales@oilsolutions.com.au

MELBOURNE VICTORIA

- 📍 23 Quinlan Road, Epping, VIC 3076
- ✉️ sales@hydraulicsnetwork.com.au
- ☎️ 03 9399 8957

BRISBANE QUEENSLAND

- 📍 29 Annie Street, Coopers Plains, QLD 4108
- ✉️ salesqld@hydraulicsnetwork.com.au
- ☎️ 07 3277 5969

www.hydraulicsnetwork.com.au

AUSTRALIAN-OWNED
INDEPENDENT HYDRAULICS WHOLESALER