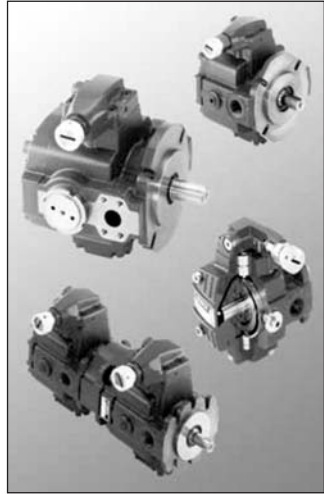


Model VPV

Sizes 10 to 164, Pressure to 3000 PSI

- Flows from 7.6 gpm to 75.8 gpm in single pumps
- Available in combination with other VPV pumps and Rexroth gear pumps
- Through-drive horsepower transfer is 100% to the second pump
- VPV pumps are available with through shaft versions for quick combinations
- Pressures to 3000 psi
- Continuous speeds from 1000 to 1800 rpm
- Overall efficiencies to 89%
- A variety of fluids can be used: mineral oil, water glycol, phosphate ester and environmentally friendly fluids
- Controls include standard pressure compensation, remote pressure compensation, load sense, solenoid 2-pressure, and solenoid vented



Ordering Information

Size in ³ /rev (cc/rev)	Mount	Maximum Pressure (psi)	GPM @ 1750	Rotation	Description	Weight (lbs)
1.00 (16)	SAE A	3000	7.6	R	0513R18C3VPV16SM21HYB03	39.0
1.00 (16)	SAE A	3000	7.6	R	0513R18C3VPV16SM21HYB03P1	46.0
1.50 (25)	SAE B	3000	11.4	R	0513R18C3VPV25SM21HYB03	67.0
1.50 (25)	SAE B	3000	11.4	R	0513R18C3VPV25SM21HYB03P1	74.0
2.00 (32)	SAE B	3000	15.1	R	0513R18C3VPV32SM21HYB03	67.0
2.00 (32)	SAE B	3000	15.1	R	0513R18C3VPV32SM21HYB03P1	74.0
2.75 (45)	SAE C	3000	20.8	R	0513R18C3VPV45SM21HYB05	127.0
2.75 (45)	SAE C	3000	20.8	R	0513R18C3VPV45SM21HYB05P1	135.0
3.84 (63)	SAE C	3000	29.1	R	0513R18C3VPV63SM21HYB05	127.0
3.84 (63)	SAE C	3000	29.1	R	0513R18C3VPV63SM21HYB05P1	135.0
4.88 (80)	SAE C	3000	37.0	R	0513R18C3VPV80SM21HYB05	127.0
4.88 (80)	SAE C	3000	37.0	R	0513R18C3VPV80SM21HYB05P1	135.0
6.00 (100)	SAE D	3000	45.4	R	0513R18C3VPV100SM21HYB04	245.0
6.00 (100)	SAE D	3000	45.4	R	0513R18C3VPV100SM21HYB04P1	255.0
7.93 (130)	SAE D	3000	60.0	R	0513R18C3VPV130SM21HYB04	245.0
7.93 (130)	SAE D	3000	60.0	R	0513R18C3VPV130SM21HYB04P1	255.0
10.0 (164)	SAE D	3000	75.8	R	0513R18C3VPV164SM21HYB04	245.0
10.0 (164)	SAE D	3000	75.8	R	0513R18C3VPV164SM21HYB04P1	255.0

Technical data

Size - in ³ /rev	1.0	1.5	2.0	2.75	3.84	4.88	6.0	7.93	10.0
(cc/rev)	(16)	(25)	(32)	(45)	(63)	(80)	(100)	(130)	(164)
Flow ¹	7.6	11.4	15.1	20.8	29.1	37.0	45.4	60.0	75.8
Max. pressure (psi)	3000	3000	3000	3000	3000	3000	3000	3000	3000
Speed range	950 to 1800 rpm								
Mounting	Flange to ISO 3019/1								
Direction of rotation	RH								

¹1750 rpm in gpm