

Vane Pumps V10/V20

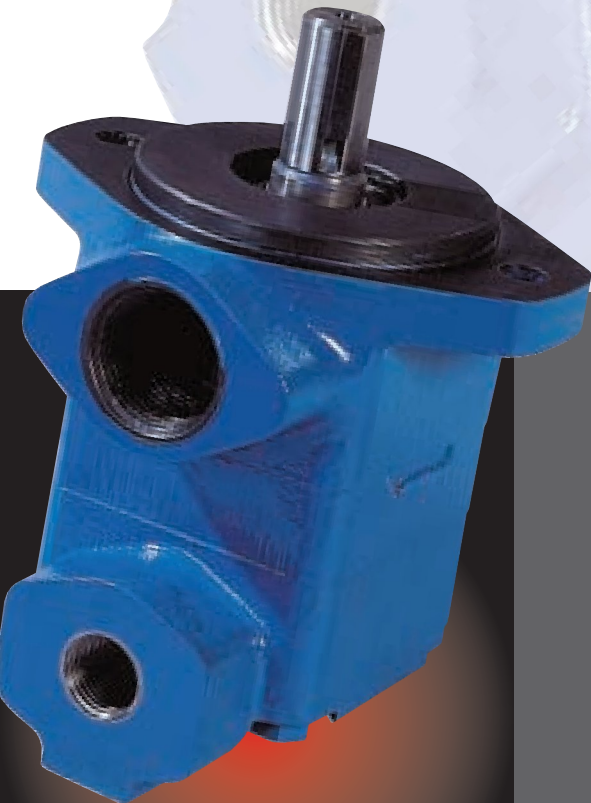
Model & Series	Ring Size - delivery US gpm @1200 RPM & 100psi (LPM @ 1200 RPM & 7 Bar)	Displacement In 3/r (cm 3/r)	Max. Speed r/min	Max. Pressure psi (bar)	Typical delivery US gpm (L/min) @ max. speed & pressure	Typical input power hp (KW) @ max. speed & pressure	Weight lb (kg)
V10	1 (3.79)	0.20 (03,3)	4800	2500 (172)	3.60 (13,6)	07.0 (05,2)	10 - 15 (4,5 - 6,8)
	2 (7.58)	0.40 (06,6)	4500	2500 (172)	7.30 (27,6)	13.6 (10,1)	
	3 (11.4)	0.60 (09,8)	4000	2500 (172)	9.40 (35,6)	17.8 (13,3)	
	4 (15.1)	0.80 (13,1)	3400	2500 (172)	10.9 (41,3)	20.4 (15,2)	
	5 (18.9)	1.00 (16,4)	3200	2500 (172)	12.8 (48,5)	22.8 (17,0)	
	6 (22.7)	1.19 (19,5)	3000	2500 (172)	14.6 (55,3)	26.0 (19,4)	
	7 (26.4)	1.39 (22,8)	2800	2500 (172)	16.0 (60,6)	28.0 (20,7)	
V20	6 (22.7)	1.19 (19,5)	3400	2500 (172)	16.1 (60,9)	29.0 (21,6)	16 - 18 (7,3 - 8,2)
	7 (26.4)	1.39 (22,8)	3000	2500 (172)	16.7 (63,2)	29.5 (22,0)	
	8 (30.2)	1.62 (26,5)	2800	2500 (172)	17.7 (67,0)	32.5 (24,2)	
	9 (34.0)	1.81 (29,7)	2800	2500 (172)	19.8 (75,0)	35.5 (26,5)	
	11 (41.6)	2.22 (36,4)	2500	2500 (172)	22.9 (86,7)	37.5 (28,0)	
	12 (45.4)	2.38 (39,0)	2400	2500 (172)	23.0 (87,1)	38.5 (28,5)	
	13 (49.2)	2.59 (42,4)	2400	2500 (172)	25.9 (98,0)	42.0 (31,0)	

Based on using petroleum oil at 120°F(49°C), viscosity 150 SUS at 100°F (32 cSt at 38°C), and 0 psi inlet pressure.

Single Pump ordering, operating specifications

F3 - V10 - 1 P 5 S - 1 C 20 L

1 2 3 4 5 6 7 8 9 10



- 1 Viton Seal**
Omit if not required
- 2 Pump & Series**
10 or 20
- 3 Mounting**
1 - 2-bolt flange, 3.25" pilot (Standard)
6 - 2-bolt flange, 4.00" pilot (Optional)
- 4 Inlet port connections**
P - 1" NPT Thread (V10 only)
1" NPT Thread (V20 only)
S - 1.3125 - 12 Straight thread (V10 only)
1.625 - 12 Straight thread (V20 only)
- 5 Ring Size**
(Delivery at 1200 r/min and 100 psi)
V10 - 1-7 gpm
V20 - 6-13 gpm
- 6 Outlet port connections**
P - 1/2" NPT thread (V10 only)
1.1875-12 Straight thread (V20 only)
S - .750-16 Straight thread (V10 only)
1.0625-12 Straight thread (V20 only)
- 7 Shaft**
1 - Straight Keyed
11 - Splined
38 - Splined
- 8 Position of outlet port**
(Viewed from cover end of pump)
A - Opposite inlet port
B - 90° CCW from inlet
C - Inline wth inlet
D - 90° CW from inlet
- 9 Design**
- 10 Shaft rotation**
(Viewed from the shaft end of the pump)
L - Left handed (counterclockwise)
Omit for right hand

Vane Pumps V2010/V2020

Shaft End							Cover End						
Model & Series	Ring Size gpm @1200 RPM & 100psi (LPM @ 1200 RPM & 7 Bar)	Displ. cu.in/r (cm 3/r)	Max. rpm	Max. psi (bar)	Typical delivery US gpm (L/min) @ max. speed & pressure	Typical input hp (KW) @max. speed & pressure	Ring Size gpm @1200 RPM & 100psi (LPM @ 1200 RPM & 7 Bar)	Displ. cu.in/r (cm 3/r)	Max. rpm	Max. psi (bar)	Typical delivery US gpm (L/min) @ max. speed & pressure	Typical input hp (KW) @max. speed & pressure	
													Weight lb (kg)
V2010 30 (13/6)	6 (22.7)	1.19 (19,5)	3000	2500 (172)	14.5 (54,9)	24.5 (18,3)	1 (3,79)	3.3 (,20)	3000	2500 (172)	2.0 (7,6)	4.5 (3,4)	
	7 (26.4)	1.39 (22,8)	3000	2500 (172)	16.5 (62,5)	30.0 (22,4)	2 (7,58)	6.6 (,40)	3000	2500 (172)	4.7 (17,8)	9.0 (6,7)	
	8 (30.2)	1.62 (26,5)	2800	2500 (172)	17.5 (66,2)	32.5 (24,2)	3 (11,4)	9.8 (,60)	3000	2500 (172)	7.0 (26,5)	13.4 (10,0)	
	9 (34.0)	1.81 (29,7)	2800	2500 (172)	20.0 (75,7)	36.0 (26,8)	4 (15,1)	0.80 (13,1)	3000	2500 (172)	9.5 (36,0)	18.0 (13,4)	
	11 (41.6)	2.22 (36,4)	2500	2500 (172)	23.0 (87,1)	37.5 (28,0)	5 (18,9)	1.00 (16,4)	3000	2500 (172)	12.0 (45,4)	21.5 (16,0)	
	12 (45.4)	2.38 (39,0)	2400	2200 (152)	23.0 (87,1)	36.0 (26,8)	6 (22,7)	1.19 (19,5)	3000	2500 (172)	14.5 (54,9)	24.5 (18,3)	
	13 (49.2)	2.59 (42,4)	2400	2200 (152)	26.0 (98,4)	39.0 (29,1)	7 (26,4)	1.39 (22,8)	2800	2500 (172)	16.0 (60,6)	24.0 (17,9)	
V2020 30 (13/6)	6 (22.7)	1.19 (19,5)	3000	2500 (172)	14.5 (54,9)	24.5 (18,3)	6 (22,7)	1.19 (19,5)	3000	2500 (172)	14.5 (54,9)	26.0 (19,4)	
	7 (26.4)	1.39 (22,8)	3000	2500 (172)	16.5 (62,5)	30.0 (22,4)	7 (26,4)	1.39 (22,8)	3000	2500 (172)	16.5 (62,5)	30.0 (22,4)	
	8 (30.2)	1.62 (26,5)	2800	2500 (172)	17.5 (66,2)	32.5 (24,2)	8 (30,2)	1.62 (26,5)	2800	2500 (172)	17.5 (66,2)	32.5 (24,2)	
	9 (34.0)	1.81 (29,7)	2800	2500 (172)	20.0 (75,7)	36.0 (26,8)	9 (34,0)	1.81 (29,7)	2800	2500 (172)	20.0 (75,7)	36.0 (26,8)	
	11 (41.6)	2.22 (36,4)	2500	2500 (172)	23.0 (87,1)	37.5 (28,0)	11 (41,6)	2.22 (36,4)	2500	2500 (172)	23.0 (87,1)	7.5 (28,0)	
	12 (45.4)	2.38 (39,0)	2400	2200 (152)	23.0 (87,1)	36.0 (26,8)							
	13 (49.2)	2.59 (42,4)	2400	2000 (132)	26.0 (98,4)	39.0 (26,4)							

Based on using petroleum oil at 120°F(49°C), viscosity 150 SUS at 100°F (32 cSt at 38°C), and 0 psi inlet pressure

Double Pump ordering, operating specifications

F3 - V2010 - 1 F 13 S 3 S - 1 CC 12 L

1 2 3 4 5 6 7 8 9 10 11 12

- 1 Viton Seal**
Omit if not required
- 2 Vane Pump & Series**
2010 or 2020
- 3 Mounting**
1 - 2-bolt flange, 4.00" pilot (Standard)
6 - 2-bolt flange, 3.25" pilot (Optional)
- 4 Inlet port connections**
F - 4-bolt flange 1.50 dia (V2010)
2.00 dia (V2020)
- 5 Ring Size (Shaft-end Pump)**
(Delivery at 1200 r/min and 100 psi)
6 - 13 gpm
- 6 No. 1 outlet port (shaft end)**
S - .750 - 16 straight thread (V2010)
1.062 - 12 straight thread (V2020)
- 7 Ring size (cover-end pump)**
(Delivery at 1200 r/min and 100 psi)
V10 - 1-7 gpm
V20 - 6-11 gpm
- 8 No. 2 outlet port (cover end)**
S - .750 - 16 straight thread (V2010)
1.062 - 12 straight thread (V2020)
- 9 Shaft**
1 - Straight Keyed
11 - Splined
- 10 Position of outlet**
(Viewed from cover end of pump)
- 11 Design**
- 12 Shaft rotation**
L - Left handed for counterclockwise
Omit for right hand



V & VQ Single Vane Pumps (10 & 12 Vane Design)

Model & Series	Ring Size - gpm @1200 RPM & 100psi (LPM @ 1200 RPM & 7 Bar	Displacement cu.in/rev (cm3/rev)	Max. rpm VQ Series	Max. psi (bar) VQ Series	Max. rpm V-Series	Max. psi (bar) V-Series	Weight lb (kg)
25	12 (45,5)	02.45 (40)	2700	3000 (210)	1800	3000 (207)	32 (14,8)
	14 (53,1)	02.77 (45)	2700	3000 (210)	1800	3000 (207)	
	17 (64,4)	03.37 (55)	2500	3000 (210)	1800	3000 (207)	
	21 (79,6)	04.12 (67)	2500	3000 (210)	1800	3000 (207)	
35	25 (94,8)	04.98 (81)	2500	3000 (210)	1800	3000 (207)	50 (22,7)
	30 (113,7)	05.96 (97)	2500	3000 (210)	1800	3000 (207)	
	35 (132,6)	06.88 (112)	2400	3000 (210)	1800	3000 (207)	
	38 (144,0)	07.42 (121)	2400	3000 (210)	1800	3000 (207)	
45	42 (159,2)	08.46 (138)	2200	2500 (175)	1800	3000 (207)	75 (34)
	50 (189,5)	09.90 (162)	2200	2500 (175)	1800	3000 (207)	
	60 (227,4)	11.80 (193)	2200	2500 (175)	1800	3000 (207)	

Based on using petroleum oil at 120°F(49°C), viscosity 150 SUS at 100°F (32 cSt at 38°C), and 0 psi inlet pressure.

Double Pump ordering, operating specifications

25 VQ 12 - A - 1 - CC - 20 (L)

1 2 3 4 5 6 7 8

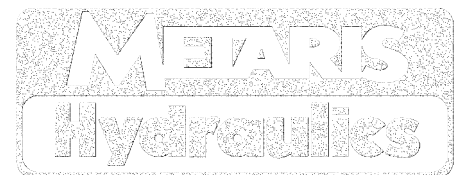
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|---------------------------------|-------------------|-----------------|
| 1 Series | 4 Port Connection | 7 Design Number |
| 2 V - Industrial
VQ - Mobile | 5 Shaft | 8 Rotation |
| 3 V - Industrial | 6 Port Positions | |

Vane Pump Series

25V/VQ	3525V/VQ
35V/VQ	4520V/VQ
45V/VQ	4525V/VQ
2520V/VQ	4535V/VQ
3520V/VQ	

When Ordering please specify:

- Pump rotation
- Port position
- Cartridge gallonage
- Viton/Nitrile
- Single/Double seal
- Shaft Code



V & VQ Double Vane Pumps (10 & 12 Vane Design)

Shaft End							Cover End					
Model & Series	Ring Size gpm @1200 RPM & 100psi (LPM @ 1200 RPM & 7 Bar)	Displ. cu.in/r (cm 3/r)	Max. rpm VQ Series	Max. psi (bar) VQ Series	Max. rpm V Series	Max. psi (bar) V Series	Ring Size gpm @1200 RPM & 100psi (LPM @ 1200 RPM & 7 Bar)	Displ. cu.in/r (cm 3/r)	Max. rpm VQ Series	Max. psi (bar) VQ Series	Max. rpm V Series	Max. psi (bar) V Series
2520 45 (20)	12 (45,5)	02.45 (40)	2700	3000 (210)	1800	2500 (172)	05 (19,0)	1.10 (18)	2700	3000 (210)	1800	3000 (207)
	14 (53,1)	02.76 (45)	2700	3000 (210)	1800	2500 (172)	08 (30,3)	1.67 (27)	2700	3000 (210)	1800	3000 (207)
	17 (64,4)	03.37 (55)	2700	3000 (210)	1800	2500 (172)	11 (41,7)	2.22 (36)	2700	3000 (210)	1800	3000 (207)
	21 (79,6)	04.12 (67)	2700	3000 (210)	1800	2500 (172)	12 (45,5)	2.41 (39)	2700	2300 (160)	1800	3000 (207)
3520 77 (34)	25 (94,8)	04.98 (81)	2500	3000 (210)	1800	2500 (172)	05 (19,0)	1.10 (18)	2500	3000 (210)	1800	3000 (207)
	30 (113,7)	05.96 (97)	2500	3000 (210)	1800	2500 (172)	08 (30,3)	1.67 (27)	2500	3000 (210)	1800	3000 (207)
	35 (132,6)	06.88 (112)	2400	3000 (210)	1800	2500 (172)	11 (41,7)	2.22 (36)	2500	3000 (210)	1800	3000 (207)
	38 (144,0)	07.42 (121)	2400	3000 (210)	1800	2500 (172)	12 (45,5)	2.41 (39)	2500	2300 (160)	1800	3000 (207)
3525 76 (34,5)	25 (94,8)	04.98 (81)	2500	3000 (210)	1800	2500 (172)	12 (45,5)	2.45 (40)	2500	3000 (210)	1800	2500 (172)
	30 (113,7)	05.96 (97)	2500	3000 (210)	1800	2500 (172)	14 (53,0)	2.76 (45)	2500	3000 (210)	1800	2500 (172)
	35 (132,6)	06.88 (112)	2400	3000 (210)	1800	2500 (172)	17 (64,4)	3.37 (55)	2500	3000 (210)	1800	2500 (172)
	38 (144,0)	07.42 (121)	2400	3000 (210)	1800	2500 (172)	21 (79,6)	4.12 (67)	2500	3000 (210)	1800	2500 (172)
4520 94 (43)	42 (159,2)	08.46 (138)	2200	2500 (175)	1800	2500 (172)	05 (19,0)	1.10 (18)	2200	3000 (210)	1800	3000 (207)
	50 (189,5)	09.90 (162)	2200	2500 (175)	1800	2500 (172)	08 (30,3)	1.67 (27)	2200	3000 (210)	1800	3000 (207)
	60 (227,4)	11.80 (193)	2200	2500 (175)	1800	2500 (172)	11 (41,7)	2.22 (36)	2200	3000 (210)	1800	3000 (207)
							12 (45,5)	2.41 (39)	2200	2300 (160)	1800	3000 (207)
4525 101 (46)	42 (159,2)	08.46 (138)	2200	2500 (175)	1800	2500 (172)	12 (45,5)	2.45 (40)	2200	3000 (210)	1800	2500 (172)
	50 (189,5)	09.90 (162)	2200	2500 (175)	1800	2500 (172)	14 (53,0)	2.76 (45)	2200	3000 (210)	1800	2500 (172)
	60 (227,4)	11.80 (193)	2200	2500 (175)	1800	2500 (172)	17 (64,4)	3.37 (55)	2200	3000 (210)	1800	2500 (172)
							21 (79,6)	4.12 (67)	2200	3000 (210)	1800	2500 (172)
4535 118 (54)	42 (159,2)	08.46 (138)	2200	2500 (175)	1800	2500 (172)	25 (94,8)	4.98 (81)	2200	3000 (210)	1800	2500 (172)
	50 (189,5)	09.90 (162)	2200	2500 (175)	1800	2500 (172)	30 (113,7)	5.96 (97)	2200	3000 (210)	1800	2500 (172)
	60 (227,4)	11.80 (193)	2200	2500 (175)	1800	2500 (172)	35 (132,6)	6.88 (112)	2200	3000 (210)	1800	2500 (172)
							38 (144,0)	7.42 (121)	2200	3000 (210)	1800	2500 (172)

Based on using petroleum oil at 120°F(49°C), viscosity 150 SUS at 100°F (32 cSt at 38°C), and 0 psi inlet pressure.



Double Pump ordering, operating specifications

3525 VQ 35 A 17 S - 1 - CC - 20 (L)

1 2 3 4 5 6 7 8 9 10

- 1 Series
- 2 V - Industrial
VQ - Mobile
- 3 Shaft End gpm
- 4 Port Connection
- 5 Cover End gpm
- 6 Mounting
- 7 Shaft Code
- 8 Port Position
- 9 Design
- 10 Rotation

VQ Replacement Cartridge Kits

20VQ Series

Part Number	Description	Vickers #
MPN-00101	20VQ05 gpm	417053
MPN-00102	20VQ05 gpm - Viton	421588
MPN-00103	20VQ08 gpm	417054
MPN-00104	20VQ08 gpm - Viton	421589
MPN-00105	20VQ09 gpm	423096
MPN-00106	20VQ09 gpm - Viton	423097
MPN-00107	20VQ11 gpm	416427
MPN-00108	20VQ11 gpm - Viton	423097
MPN-00109	20VQ12 gpm	416428
MPN-00110	20VQ12 gpm - Viton	421590
MPN-00111	20VQ14 gpm	416429
MPN-00112	20VQ14 gpm - Viton	421592

20VQ Series Specifications		6 lbs	5	8	11	12	14
Displacement	Cu.in./rev. (cc/ rev.)	1.1 (18)	1.7 (27)	2.2 (36)	2.4 (39)	2.8 (46)	
Max. Pressure	Continuous psi (Bar)	3000 (206)	3000 (206)	3000 (206)	2300 (159)	2000 (138)	
Min. Speed	Below 1000 psi Above 1000 psi	600 1000	600 1000	600 1000	600 1000	600 1000	600 1000
Max. Speed, RPM		2700	2700	2700	2700	2700	2700
Typical Flow at Max. Speed & Pressure	GPM (Liters/ Min)	11 (43)	17 (64)	23 (86)	23 (86)	24 (90)	
Typical Input HP at Max. Speed & Pressure	HP (KW)	25 (18)	32 (24)	49 (37)	32 (24)	36 (27)	

*Rotation must be specified when ordering

* Also available without Bushing

25VQ Series

Part Number	Description	Vickers #
MPN-00113	25VQ12 gpm	416439
MPN-00114	25VQ12 gpm - Viton	421570
MPN-00115	25VQ14 gpm	416440
MPN-00116	25VQ14 gpm - Viton	421571
MPN-00119	25VQ17 gpm	416441
MPN-00120	25VQ17 gpm - Viton	421572
MPN-00123	25VQ19 gpm	421232
MPN-00124	25VQ19 gpm - Viton	421573
MPN-00127	25VQ21 gpm	416442
MPN-00128	25VQ21 gpm - Viton	421574

25VQ Series Specifications		8 lbs	12	14	17	19	21
Displacement	Cu.in./rev. (cc/ rev.)	2.4 (40)	2.8 (45)	3.4 (55)	3.7 (60)	4.1 (68)	
Max. Pressure	Continuous psi (Bar)	3000 (206)	3000 (206)	3000 (206)	2300 (159)	2000 (138)	
Min. Speed	Below 1000 psi Above 1000 psi	600 1000	600 1000	600 1000	600 1000	600 1000	600 1000
Max. Speed, RPM		2700	2700	2500	2500	2500	2500
Typical Flow at Max. Speed & Pressure	GPM (Liters/ Min)	25 (96)	28 (108)	32 (122)	36 (137)	40 (153)	
Typical Input HP at Max. Speed & Pressure	HP (KW)	25 (40)	32 (50)	49 (51)	32 (56)	36 (63)	

*Rotation must be specified when ordering

* Also available without Bushing



VQ Replacement Cartridge Kits

30VQ Series

Part Number	Description	Vickers #
MPN-00131	35VQ21 gpm	413420
MPN-00132	35VQ25 gpm	413421
MPN-00133	35VQ25 gpm - Viton	421583

*Rotation must be specified when ordering
*Also available without Bushing

35VQ Series

Part Number	Description	Vickers #
MPN-00134	35VQ21 gpm	413420
MPN-00135	35VQ25 gpm	413421
MPN-00136	35VQ25 gpm - Viton	421583
MPN-00139	35VQ30 gpm	413422
MPN-00140	35VQ30 gpm - Viton	421584
MPN-00143	35VQ35 gpm	413418
MPN-00144	35VQ35 gpm - Viton	421585
MPN-00147	35VQ38 gpm	413419
MPN-00148	35VQ38 gpm - Viton	421586
MPN-00163	35VQ21 gpm - Viton	-

*Rotation must be specified when ordering
*Also available without Bushing

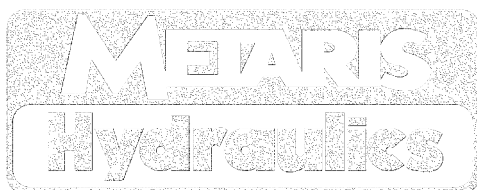
35VQ Series Specifications		4 lbs	21	25	30	35	38
Displacement	Cu.in./rev.		4.2	5.0	6.0	6.9	7.4
	(cc/ rev.)		(69)	(82)	(98)	(113)	(122)
Max. Pressure	Continuous psi		3000	3000	3000	2300	2000
	(Bar)		(206)	(206)	(206)	(206)	(206)
Min. Speed	Below 1000 psi		600	600	600	600	600
	Above 1000 psi		1000	1000	1000	1000	1000
Max. Speed, RPM			2500	2500	2500	2400	2400
Typical Flow at Max. Speed & Pressure	GPM		27	47	57	64	69
	(Liters/ Min)		(101)	(178)	(215)	(242)	(263)
Typical Input HP at Max. Speed & Pressure	HP		92	98	122	129	142
	(KW)		(68)	(73)	(91)	(96)	(106)

45VQ Series

Part Number	Description	Vickers #
MPN-00151	45VQ42 gpm	416435
MPN-00151	45VQ42 gpm - Viton	419511
MPN-00153	45VQ47 gpm	421234
MPN-00153	45VQ47 gpm - Viton	421954
MPN-00155	45VQ50 gpm	416436
MPN-00155	45VQ50 gpm - Viton	419510
MPN-00157	45VQ57 gpm	421233
MPN-00157	45VQ57 gpm - Viton	421955
MPN-00159	45VQ60 gpm	416437
MPN-00159	45VQ60 gpm - Viton	419509

*Rotation must be specified when ordering
*Also available without Bushing

45VQ Series Specifications		22 lbs	42	47	50	57	60
Displacement	Cu.in./rev.		8.5	9.4	9.9	11.2	11.8
	(cc/ rev.)		(69)	(82)	(98)	(113)	(122)
Max. Pressure	Continuous psi		2500	2500	2500	2500	2500
	(Bar)		(172)	(172)	(172)	(172)	(172)
Min. Speed	Below 1000 psi		600	600	600	600	600
	Above 1000 psi		1000	1000	1000	1000	1000
Max. Speed, RPM			2200	2200	2200	2200	2200
Typical Flow at Max. Speed & Pressure	GPM		69	77	82	96	99
	(Liters/ Min)		(263)	(294)	(313)	(364)	(375)
Typical Input HP at Max. Speed & Pressure	HP		126	137	146	158	168
	(KW)		(94)	(102)	(109)	(118)	(125)



V Series Replacement Cartridge Kits

20V Series

Part Number	Description	Vickers #
MPN-00901	20V05 gpm	102507
MPN-00902	20V05 gpm - Viton	102507
MPN-00903	20V08 gpm	102508
MPN-00904	20V08 gpm - Viton	102508
MPN-00905	20V11 gpm	102509
MPN-00906	20V11 gpm - Viton	102509
MPN-00907	20V12 gpm	102510
MPN-00908	20V12 gpm - Viton	102510
MPN-00909	20V14 gpm	102511
MPN-00910	20V14 gpm - Viton	102511

*Rotation must be specified when ordering

* Also available without Bushing

20V Series Specifications	6 lbs	5	8	11	12	14
Displacement	Cu.in./rev. (cc/ rev.)	1.0 (16)	1.5 (25)	2.1 (35)	2.3 (38)	2.7 (44)
Max. Pressure	Continuous psi (Bar)	3000 (206)	3000 (206)	3000 (206)	2500 (172)	2200 (138)
Min. Speed	Below 1000 psi Above 1000 psi	600 1000	600 1000	600 1000	600 1000	600 1000
Max. Speed, RPM		1800	1800	1800	1800	1800
Typical Flow at Max. Speed & Pressure	GPM (Liters/ Min)	7 (27)	11 (43)	13 (50)	16 (59)	20 (74)
Typical Input HP at Max. Speed & Pressure	HP (KW)	13 (17)	21 (28)	29 (39)	26 (35)	25 (34)

25V Series

Part Number	Description	Vickers #
MPN-00911	25V12 gpm	102532
MPN-00912	25V12 gpm - Viton	102532
MPN-00915	25V14 gpm	102533
MPN-00916	25V14 gpm - Viton	102533
MPN-00919	25V17 gpm	102534
MPN-00920	25V17 gpm - Viton	102534
MPN-00923	25V21 gpm	102535
MPN-00924	25V21 gpm - Viton	102535

*Rotation must be specified when ordering

* Also available without Bushing

25V Series Specifications	8 lbs	12	14	17	21
Displacement	Cu.in./rev. (cc/ rev.)	2.3 (38)	2.7 (44)	3.3 (54)	4.0 (66)
Max. Pressure	Continuous psi (Bar)	2500 (206)	2500 (206)	2500 (206)	2500 (159)
Min. Speed	Below 1000 psi Above 1000 psi	600 1000	600 1000	600 1000	600 1000
Max. Speed, RPM		1800	1800	1800	1800
Typical Flow at Max. Speed & Pressure	GPM (Liters/ Min)	14 (54)	17 (64)	23 (87)	27 (101)
Typical Input HP at Max. Speed & Pressure	HP (KW)	26 (35)	31 (42)	37 (50)	46 (62)

VQ Replacement Cartridge Kits

35V Series

Part Number	Description	Vickers #
MPN-00927	35V25 gpm	102552
MPN-00928	35V25 gpm – Viton	102552
MPN-00931	35V30 gpm	102553
MPN-00932	35V30 gpm – Viton	102553
MPN-00935	35V35 gpm	102554
MPN-00936	35V35 gpm – Viton	102554
MPN-00939	35V38 gpm	102555
MPN-00940	35V38 gpm – Viton	102555

*Rotation must be specified when ordering

* Also available without Bushing

35V Series Specifications		14 lbs	25	30	35	38
Displacement	Cu.in./rev. (cc/ rev.)	4.8 (79)	5.8 (95)	6.7 (110)	7.3 (120)	
Max. Pressure	Continuous psi (Bar)	2500 (172)	2500 (172)	2500 (172)	2500 (172)	
Min. Speed	Below 1000 psi Above 1000 psi	600 1000	600 1000	600 1000	600 1000	
Max. Speed, RPM		1800	1800	1800	1800	
Typical Flow at Max. Speed & Pressure	GPM (Liters/ Min)	32 (27)	40 (43)	48 (50)	51 (59)	
Typical Input HP at Max. Speed & Pressure	HP (KW)	55 (74)	66 (88)	77 (130)	83 (111)	

45V Series

Part Number	Description	Vickers #
MPN-00945	45V42 gpm	102572
MPN-00925	45V42 gpm – Viton	102576
MPN-00947	45V50 gpm	102574
MPN-00948	45V50 gpm – Viton	102577
MPN-00949	45V60 gpm	102575
MPN-00950	45V60 gpm – Viton	102578

*Rotation must be specified when ordering

* Also available without Bushing

45V Series Specifications		42	50	60
Displacement	Cu.in./rev. (cc/ rev.)	8,1 (132)	9,6 (158)	11,6 (189)
Max. Pressure	Continuous psi (Bar)	2500 (172)	2500 (172)	2500 (172)
Min. Speed	Below 1000 psi Above 1000 psi	600 1000	600 1000	600 1000
Max. Speed, RPM		1800	1800	1800
Typical Flow at Max. Speed & Pressure	GPM (Liters/ Min)	56 (211)	67 (252)	83 (310)
Typical Input HP at Max. Speed & Pressure	HP (KW)	92 (123)	109 (146)	131 (176)

