



Vane Type Single Pump

(F3)-V21*-**-** Series -12 Design

(F3)-V23*-**-** Series -12 Design

Model	Model "S" NO'S	Valve Subassembly	BAR (PSI)
V2**-**-C*-12	138	232794	51.7 (750)
V2**-**-D*-12		232795	68.9 (1000)
V2**-**-E*-12		232796	86.1 (1250)
V2**-**-F*-12		232797	103.4 (1500)
V2**-**-G*-12	140	232798	120.6 (1750)
V2**-**-H*-12		232799	137.8 (2000)

Orifice plug (See table)
Valve subassembly (See table)
155086 Spring
7077 Plug
183584 Screen
113000 Plug

FLOW CONTROL COVER OPTION

Use pressure port to determine cover position.

Model	Orifice plug	USGPM
V2**-**-2-12	167463	2
V2**-**-4-12	167464	4
V2**-**-6-12	167465	6
V2**-**-7-12	165359	7
V2**-**-8-12	167466	8

Model	★ Screw
V2**-2-**-12	1319
V2**-3-**-12	
V2**-5-**-12	
V2**-6-**-12	
V2**-8-**-12	11164
V2**-8W-**-12	
V2**-9-**-12	
V2**-11-**-12	
V2**-11W-**-12	

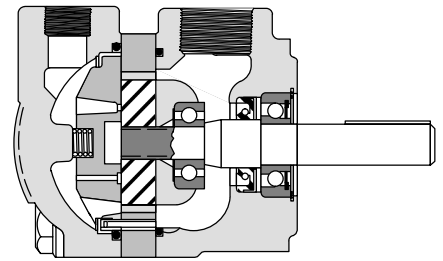
7077 Plug
155023 Snap ring
224489 Cover (When replacing cover on pump, valve subassembly must also be replaced.)
★ Screw 4 Req'd (See table)
Torque 88.1–101.6 N.m.
(65–75 lb. ft.)

●▲ 154090 "O"-Ring
● Ring (see table)
292085 Pressure plate
(Use 236217 pressure plate for -S214 models)
◆ Cover (See table)

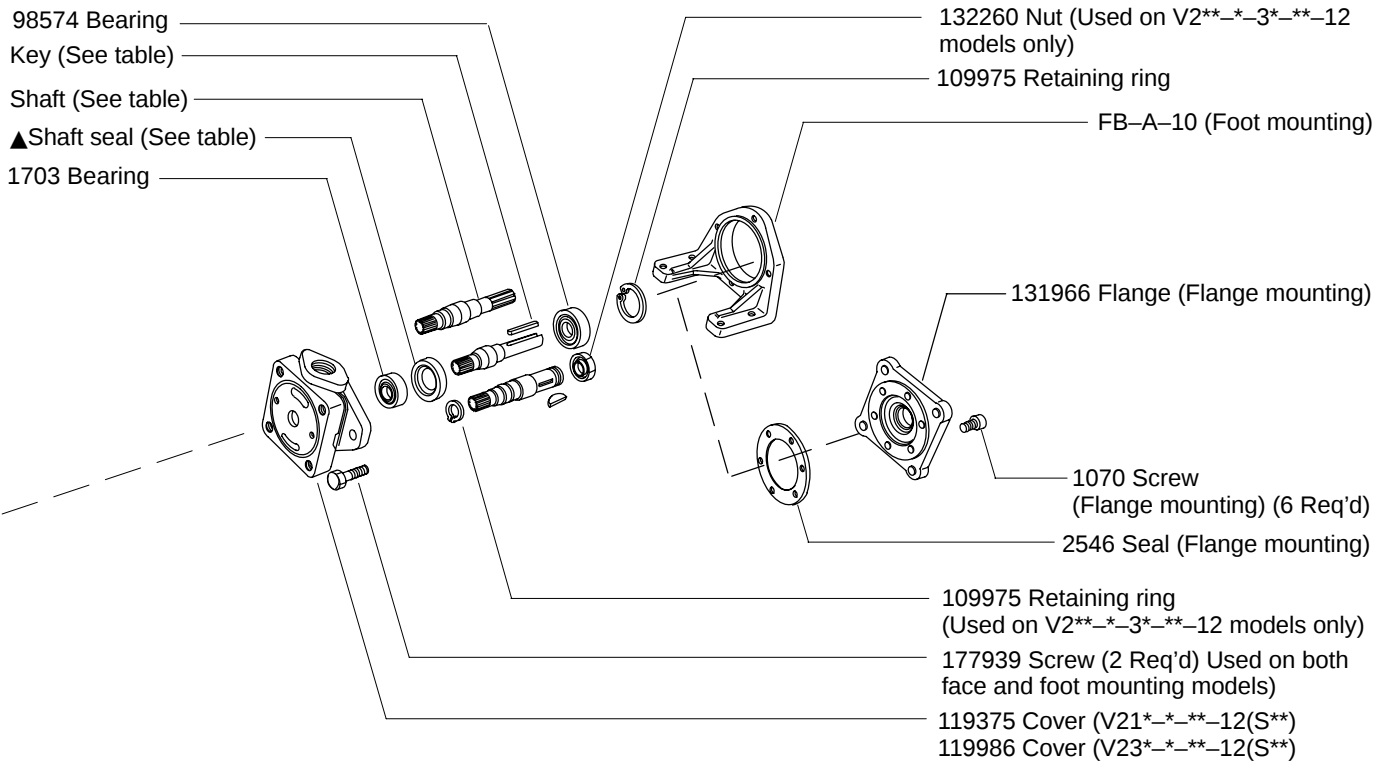
Model	◆ Cover
V21**-**-12-STD.	129343
V21**-**-12-S49	
V21**-**-12-S51/S63/S214	129344
V23**-**-12-STD	129343
V23**-**-12-S49	
V23**-**-12-S51/S63/S214	129344

Pin (2 Req'd See table)
● Vane kit (12 vanes See table)
● Rotor (see table)
●▲ 154090 "O"-Ring
114139 Spring
■ Screw 4 Req'd (See table)
Torque 88.1–101.6 N.m.
(65–75 lb. ft.)

Model	● Ring	● Rotor	● Vane kit (12 vanes)	● Cartridge kit	● Pin (2 Req'd)	■ Screw (4 Req'd)
V2**-2-**-12-(S214)	116141	172302	912031	912063	2161	131485
V2**-3-**-12-(S214)	214140			922765		
V2**-5-**-12-(S214)	114173			912064		
V2**-6-**-12-(S214)	133177			912065		
V2**-8-**-12	114154	172294	912032	912066	2478	131486
V2**-8W-**-12-(S214)	178183			922509		
V2**-9W-**-12-(S214)	193219			922537		
V2**-11-**-12	114172			912067		
V2**-11W-**-12-(S214)	218320	215043	922568	922574	16662	



Typical Cutaway view

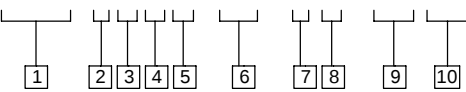


Model	▲Seal kit	▲Shaft seal	Shaft	Key
V2**_*-1**_*-12	922732	229236	116644	5881
V2**_*-2**_*-12			116645	1602
V2**_*-3**_*-12	922733	229235	120037	1615
V2**_*-4**_*-12			128892	
V2**_*-6**_*-12	922732	229236	131420	1609
V2**_*-7**_*-12	922733	229235	124094	
V2**_*-8**_*-12	922732	229236	124305	124395
V2**_*-9**_*-12			128300	
V2**_*-10**_*-12			130334	1609
V2**_*-11**_*-12			133178	
V2**_*-19**_*-12			148187	
V2**_*-24**_*-12			165468	
V2**_*-26**_*-12			182014	6601
V2**_*-34**_*-12			205800	1605
V2**_*-37**_*-12			215025	

- Included in cartridge kit (See table).
- ▲ Included in seal kit (See table)
F3 equivalent seal kit 919291

Model Code

(F3) -V2 ** - ** - 1 * - 12 ***



1 Viton seals
(Omit if not required)

2 Vane pump

3 Series

4 Body type

- 1 – STD THD connection
- 2 – STD Gasket connection
- 3 – Face MTG THD connection
- 4 – Face MTG Gasket connection
- 5 – Tapped FT MTG THD connection
- 6 – Tapped FT MTG Gasket connection

5 Mounting

- 0 – Body
- 4 – Foot
- 5 – Flange

6 Capacity US GPM

7 Shaft

8 Cover port positions
(Viewed from cover end)

- A – 180° from inlet
- B – 90° CCW from inlet
- C – Inline with inlet
- D – 90° CW from inlet

9 Design

10 Special feature

