

Vickers®
Vane Pumps



Single Vane Pump
25V*-1*20-282/283**

Service Data

Single Vane Pump

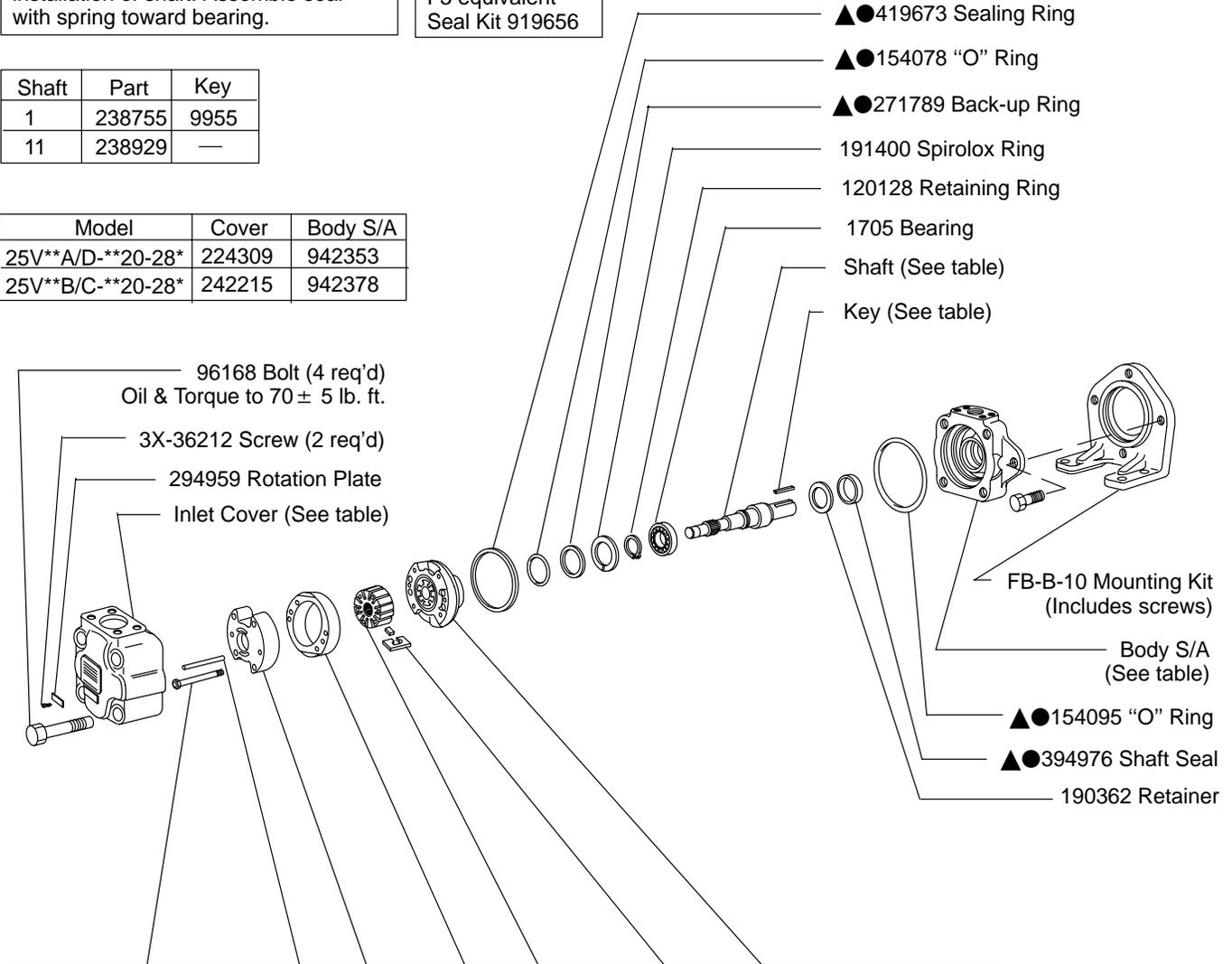
25V*-1*20-282/283**

Note
Apply a small amount of system fluid to inner circumferences of seal before installation of shaft. Assemble seal with spring toward bearing.

▲ Included in 922850 Seal Kit
F3 equivalent Seal Kit 919656

Shaft	Part	Key
1	238755	9955
11	238929	—

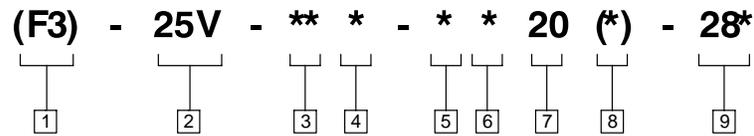
Model	Cover	Body S/A
25V**A/D-**20-28*	224309	942353
25V**B/C-**20-28*	242215	942378



Model	Screw (2 req'd)	Pin (2 req'd)	Inlet Support Plate S/A	Ring	Rotor	Vane Kit	Outlet Support Plate	Std Cart Kit	F3 Cart Kit
These parts are included in Cartridge Kit									
25V12A	289472	229662	591016 (Includes Bushing)	584610	584618	941214 (Includes 12 Vanes & 12 Inserts)	588690	591002	591095
25V14A				584612				591003	591096
25V17A				584614				591004	591097
25V21A				584616				591005	591098

● Included in Cartridge Kit

Model Code



1 Seals

F3 - Viton® seals
(Omit if not required.)
Viton is a registered trademark of E.I. DuPont

2 Model Series

25V -Vane type

3 SAE Rated Capacity

- 12 - 12 USgpm
- 14 - 14 USgpm
- 17 - 17 USgpm
- 21 - 21 USgpm

4 Port Connections

Inlet Connection
A - SAE 4-bolt
B - SAE str. thd.
C - SAE 4-bolt
D - SAE str. thd.

Outlet Connection

A - SAE 4-bolt
B - SAE str. thd.
C - SAE 4-bolt
D - SAE str. thd.

5 Shafts

- 1 - Straight key
- 2 - Spline

6 Port Positions

(See chart below)

7 Design

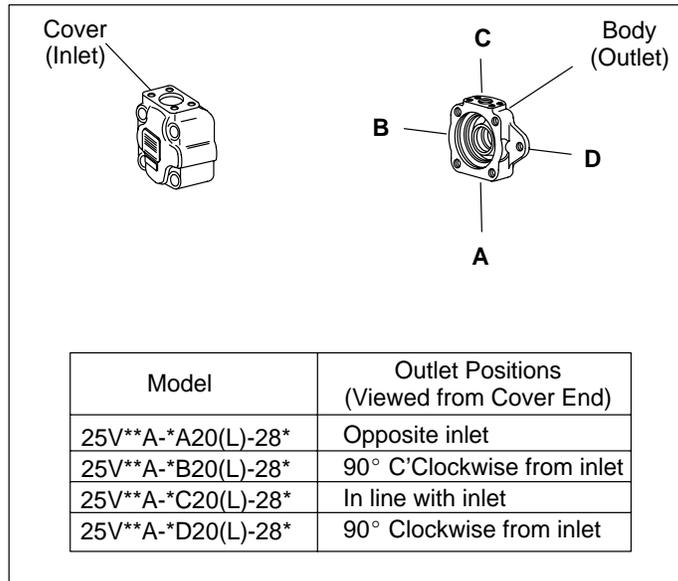
8 Rotation

(Viewed from shaft end)

- L** - Left hand (CCW rotation)
- Omitted** - Right hand rotation

9 Mounting

- 282** - SAE 2-bolt mounting
- 283** - Foot mounting



Parts are the same for both right and left hand rotation. When ordering spare cartridge parts, it is recommended they be obtained in cartridge kits. Kits are assembled and tested for either right or left hand rotation. If left hand rotation is required, it should be specified on parts order by adding suffix "L" to kit number. For example, 591002-L.

For satisfactory service life of these components, use full flow filtration to provide fluid which meets ISO cleanliness code 18/15 or cleaner. Selections from Eaton OFF, OFR and OFRS filter series are recommended.

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