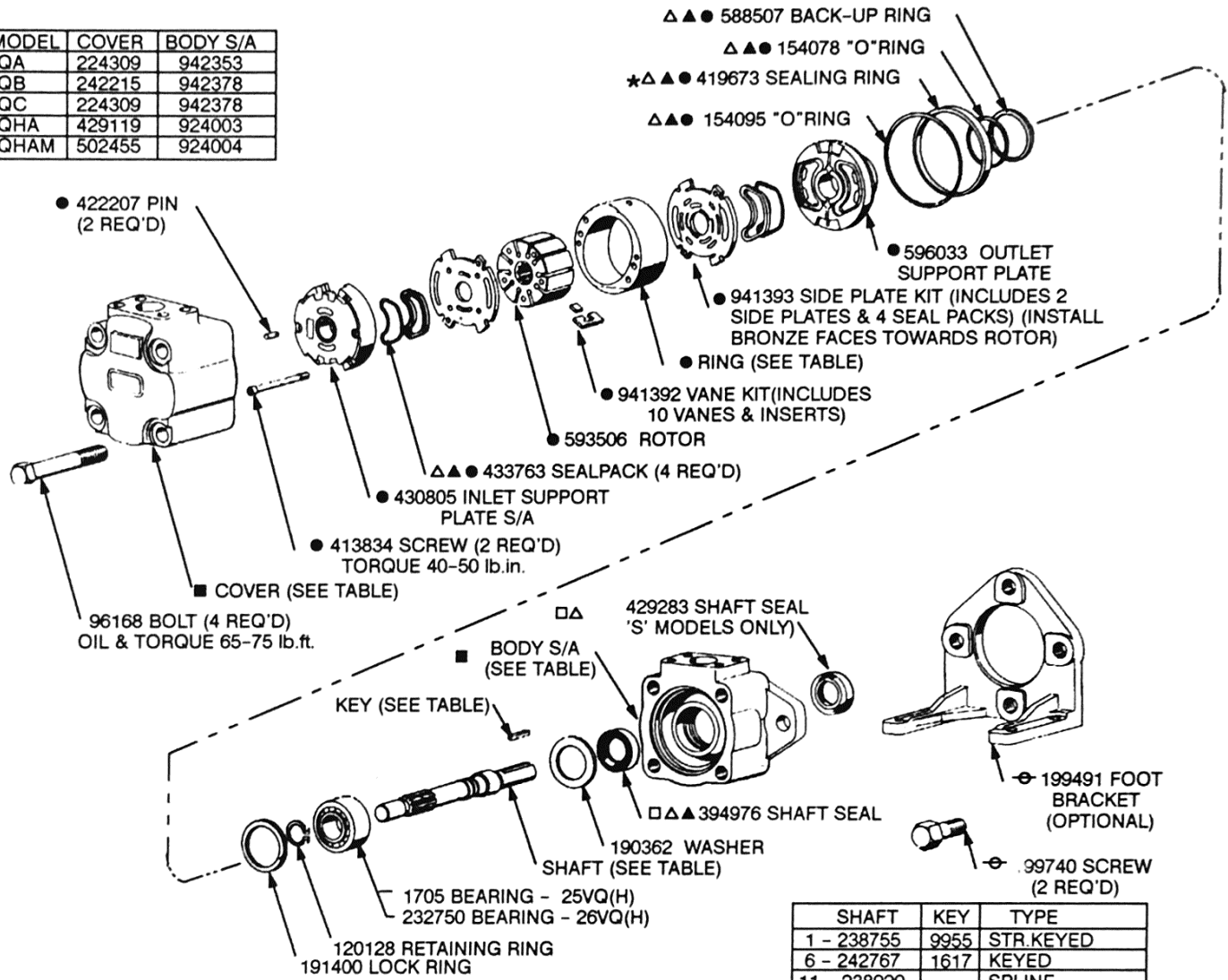


Vane Type Single Pumps

MODEL	COVER	BODY S/A
VQA	224309	942353
VQB	242215	942378
VQC	224309	942378
VQHA	429119	924003
VQHAM	502455	924004



- INCLUDED IN STD. CARTRIDGE KIT (SEE TABLE EQUIVALENT F3 CARTRIDGE KIT (SEE TABLE)
- ▲ INCLUDED IN SINGLE SHAFT SEAL KIT 920021 F3 EQUIVALENT SINGLE SHAFT SEAL KIT 920023
- ▲ INCLUDED IN DOUBLE SHAFT SEAL KIT 920022 F3 EQUIVALENT DOUBLE SHAFT SEAL KIT 920024
- ⊖ INCLUDED IN FOOT BRACKET KIT FB-B-10
- ASSEMBLE SEAL WITH SPRING LOADED SEALING MEMBER TOWARDS BEARING
SEALS TO BE COMPLETELY WETTED WITH OIL PRIOR TO ASSEMBLY
- ★ INSTALL 419673 SEALING RING INTO BODY, THEN INSTALL CARTRIDGE KIT
- METRIC THD. PORTS HAVE "M" STAMPED ON PORT FACE

SHAFT	KEY	TYPE
1 - 238755	9955	STR.KEYED
6 - 242767	1617	KEYED
11 - 238929		SPLINE
86 - 478826	3418	STR./HWY.DTY.

MODEL (USGPM)	RING	CARTRIDGE KIT	
		STD	F3
2*VQ(H)12	326984	595682	626225
2*VQ(H)14	326985	595683	626226
2*VQ(H)16	424084	595684	626227
2*VQ(H)17	326986	595685	626228
2*VQ(H)19	326987	595995	626229
2*VQ(H)21	326988	595996	626230

INDIVIDUAL CARTRIDGE PARTS ARE NOT INTERCHANGEABLE WITH PREVIOUS DESIGNS. COMPLETE CARTRIDGE KITS ARE INTERCHANGEABLE.

MODEL CODE BREAKDOWN

(F3) 25 VQ (H) 12 A (M) F * A 30 L
 1 2 3 4 5 6 7 8 9 10 11 12

1 Special Seals

For mineral oil & fire resistant fluids.

2 Series

25VQ Pump
 26VQ Pump

3 Vane Pump

(Intra-Vane Flex Plate Type)

4 Operating Pressure

H - High Pressure (3000 - 3500 PSI)
 Omit - Rated Pressure (3000 PSI)

5 US GPM Capacity

(SAE RATING 1200 RPM-100 PSI)
 12,14,16,17,19,21

6 SAE Port Connections

Code	Inlet	Outlet
A -	4-Bolt Fig.	4-Bolt Fig.
B -	Str. Thd.	Str. Thd.
C -	4-Bolt Fig.	Str. Thd.

7 Metric Port Connections

M - Metric Thd.
 Omit - SAE Thd.

8 Mounting

F - Foot (Single Shaft Seal)
 S - Flange (Double Shaft Seal)
 Omit - Flange (Single Shaft Seal)

9 Shaft Type

1 - Str. Key 11 - Splined
 6 - Str. Key
 86 - Str. Key

10 Outlet Positions

(Viewed from cover end of pump)

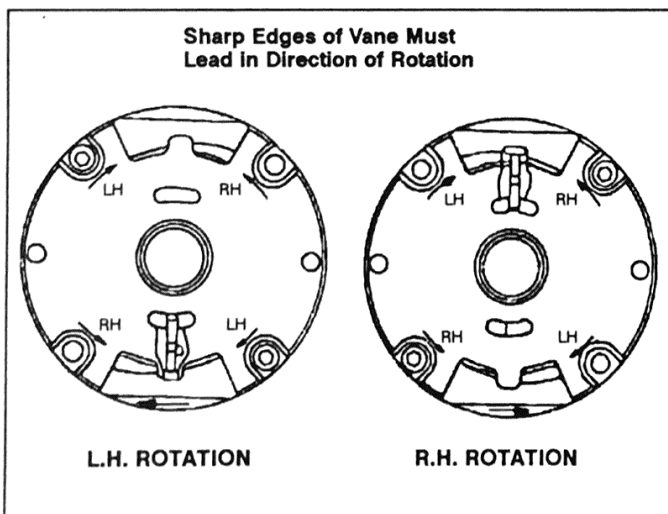
A - Outlet - Opposite Inlet
 B - Outlet - 90° CCW from Inlet
 C - Outlet - Inline with Inlet
 D - Outlet - 90° CW from Inlet

11 Design

12 Shaft Rotation

(Viewed from shaft end)

L - Left Hand (CCW Rotation)
 Omit - Right Hand (CW Rotation)



NOTE

To reverse cartridge kit rotation, remove the two screws and reverse the location of the Inlet support plate and outlet support plate. Re-install the two screws hand tight. Use pump cover to align all sections of the cartridge. Carefully remove the cover and tighten the screws to recommended torque value.

When ordering spare cartridge parts, it is recommended they be obtained in cartridge kits. Kits are assembled and tested by Vickers 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 cartridge kit number.

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 Vickers OFP, OFR and OFRS filter series are recommended.