

Vane Pumps

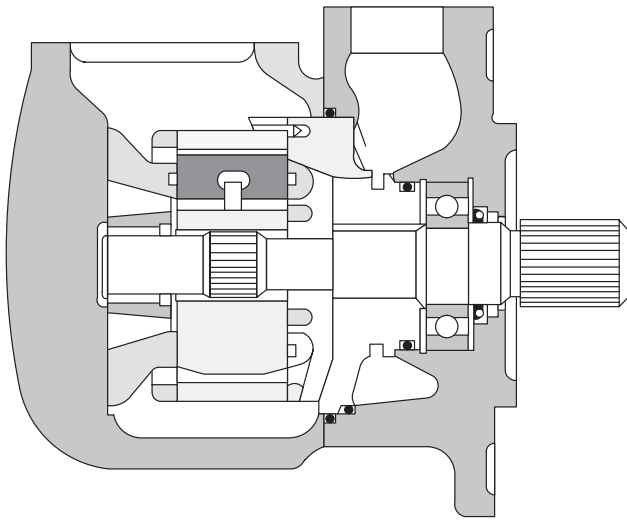
ENGINEERING
TOMORROW



Vane Pumps

50V***A-**11L-13*

AX444070952970en-000101



Note

Saturate the felt wiper with oil before assembly. Also, apply a small amount of grease to the inner circumference of seal before installation of shaft.

Model	Pressure Plate	"O" Ring	Back-up Ring	"O" Ring	Cartridge Kit	F3 Cartridge Kit
These Parts are included in Cartridge Kit						
50V 72A-**11-13*	278736	▲154113	▲271826	▲154111	923017	941811
50V 85A-**11-13*					923018	941812
50V 100A-**11-13*					923019	941813
50V 109A-**11-13*					923020	941814

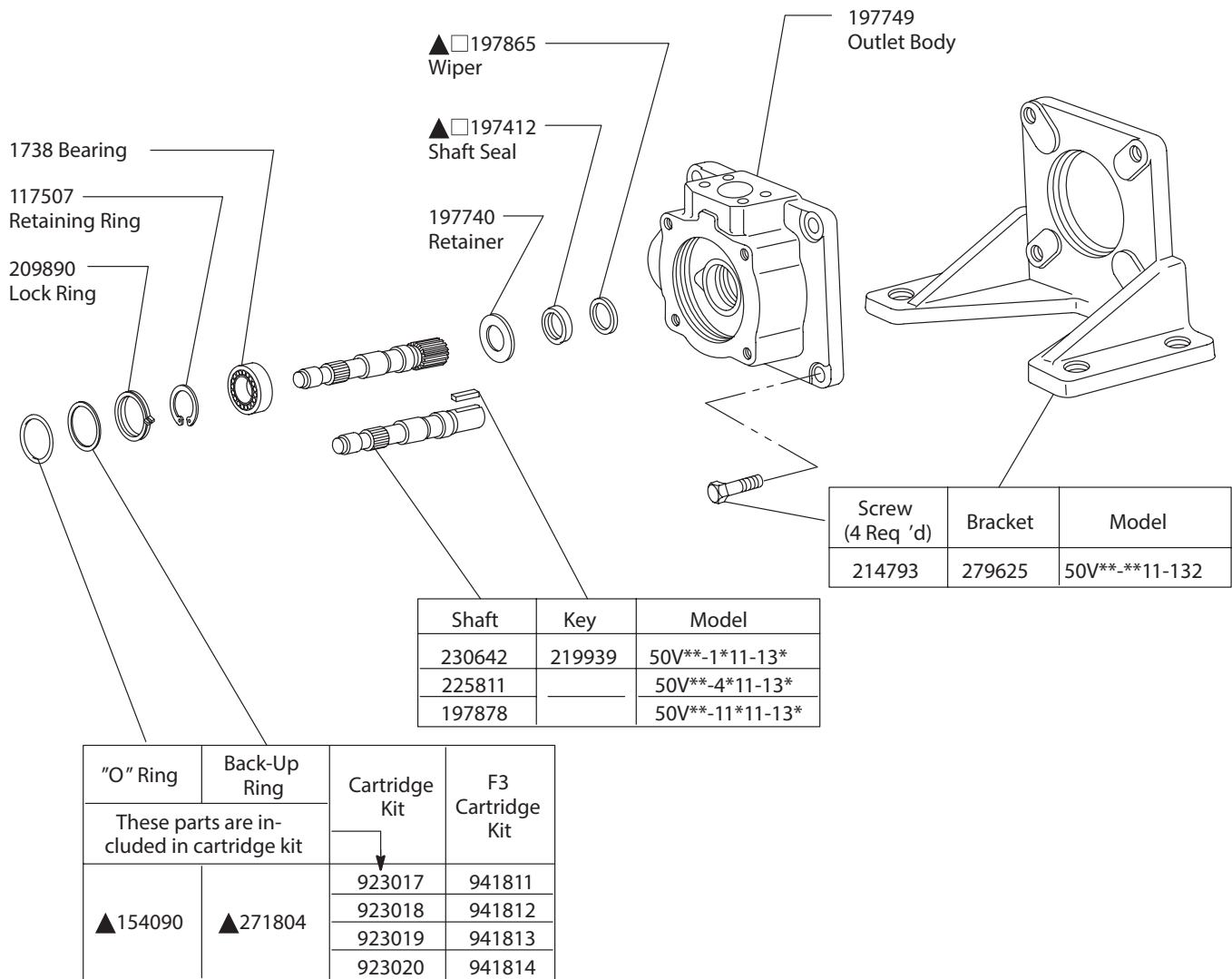
278740 Inlet Cover

294959
Arrow Tag

3X-36212
Screw
(2 Req 'd)

278739 Screw
(4 Req 'd)
Torque to 250-270 lb.ft.
(Oil threads at assembly)

Model	F3 Cartridge Kit	Cartridge Kit	Screw (2 Req 'd)	Pin (2 Req 'd)	Bushing	Wear Plate S/A (Incl. Bushing)	Ring	Rotor	Vane Kit (10 Vanes 10 Inserts)
These Parts are included in Cartridge Kit									
50V 72A-**11-13*	941811	923017	298011	225800	243585	278737	258040	278738	922613
50V 85A-**11-13*	941812	923018					236552		
50V 100A-**11-13*	941813	923019					214295		
50V 109A-**11-13*	941814	923020					236506		

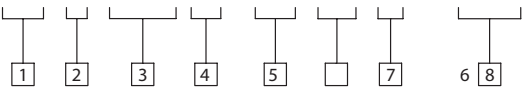


Included in 922853 seal kit

F3 equivalent seal kit 919256

Model Code

50 V *** A - ** 11 L - 13 *



1 Model Series 50V - Vane pump	4 Shaft 1 - Straight keyed 4 - Involute splined 11 - Splined	6 Design 7 Rotation (Viewed from Shaft End)
2 Capacity (USgpm) 72 - 72 USgpm 85 - 85 USgpm 100 - 100 USgpm 109 - 109 USgpm	5 Outlet Port Positions (Viewed from Cover End of Pump) A - Outlet opposite Inlet Port B - Outlet 90° CCW from Inlet Port C - Outlet Inline with Inlet Port D - Outlet 90 ° CW from Inlet Port	8 Special Modifications 103 - Omit foot bracket 132 - With foot bracket
3 Port Connections (Inlet & Outlets Ports) A - 4 bolt flange		

For satisfactory service life of these components, use full flow filtration to provide fluid which meets ISO cleanliness code 20/18/15 or cleaner. Selections from Danfoss OF P, OFR, and OFRS series are recommended.

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- Gear motors
- Gear pumps
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- Hydrostatic pumps
- Orbital motors
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- PLUS+1® displays
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- PLUS+1® operator interfaces
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- Steering components and systems
- Telematics

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