Service Data

## $\text{Vickers}^{\text{\tiny{\circledR}}}$

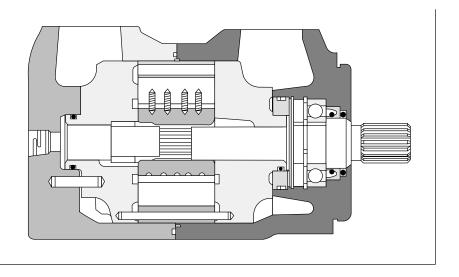
## **Vane Motors**

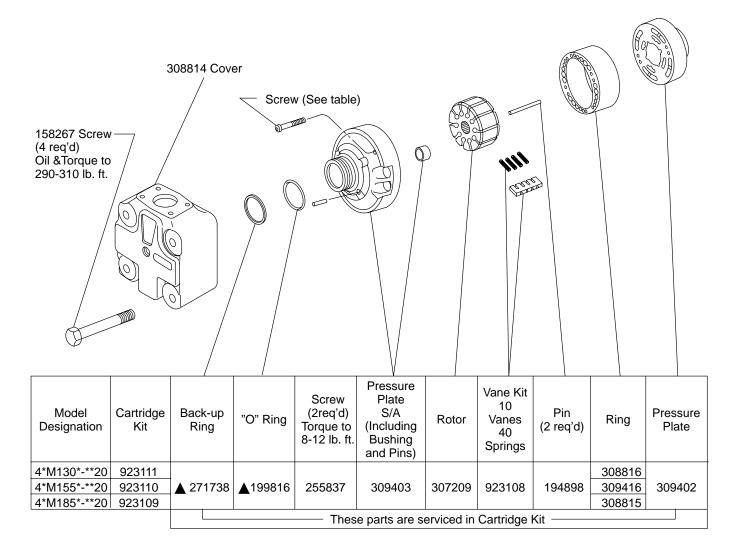


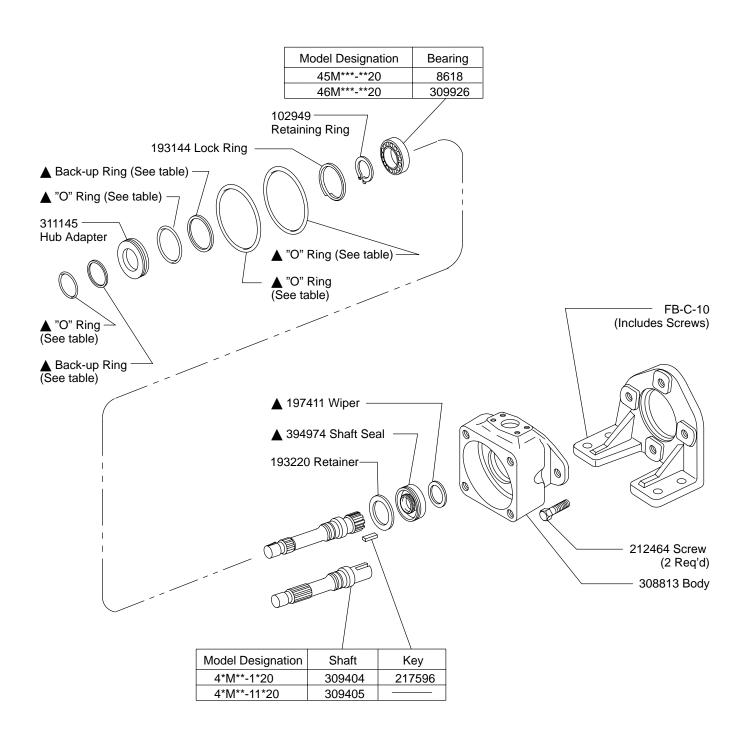
## **Vane Motors**

45M & 46M Series -20 Design



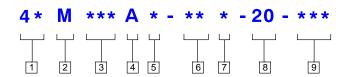






Model Designation	Cartridge Kit	"O" Ring	Back-up Ring	"O" Ring	Back-up Ring	"O" Ring	"O" Ring
4*M130*-**20 4*M155*-**20 4*M185*-**20	923110	▲19981	£271738	▲154085	▲271795	▲309009	▲257447
	, ===:00	These parts are serviced in Cartridge Kit					

## **Model Code**



- 1 Model Series
- 45 Standard bearing
- 46 Heavy duty bearing
- 2 Vane Motor

M

- 3 Ring Capacity Torque Rating (lb. in. per 100 PSI)
- 130 130 lb. in.
- 155 155 lb. in.
- **185** 185 lb. in.
- 4 Port Connections
- A 4 bolt flange

- 5 Bracket Mounting (Viewed from shaft end)
- 2 Body port @ 12 o'clock
- 3 Body port @ 3 o'clock
- 6 Body port @ 6 o'clock
- 9 Body port @ 9 o'clock
- 6 Shaft Type
- 1 Straight keyed
- 11 Splined

- Port Locations (Viewed from cover end)
- A Cover port opposite body port
- B Cover port 90° CCW from body port
- C Cover port in line with body port
- D Cover port  $90^{\circ}\,$  CW from body port
- 8 Design Number
- 20
- 9 Special Feature

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