**Service Data** 

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

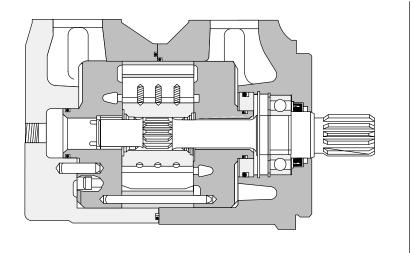
# **Vane Motors**



## **Vane Motors**

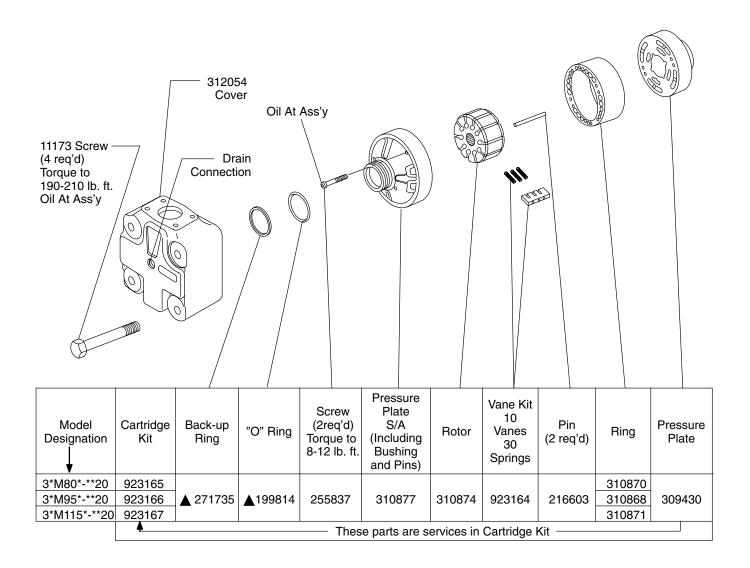
35M & 36M Series -20 Design

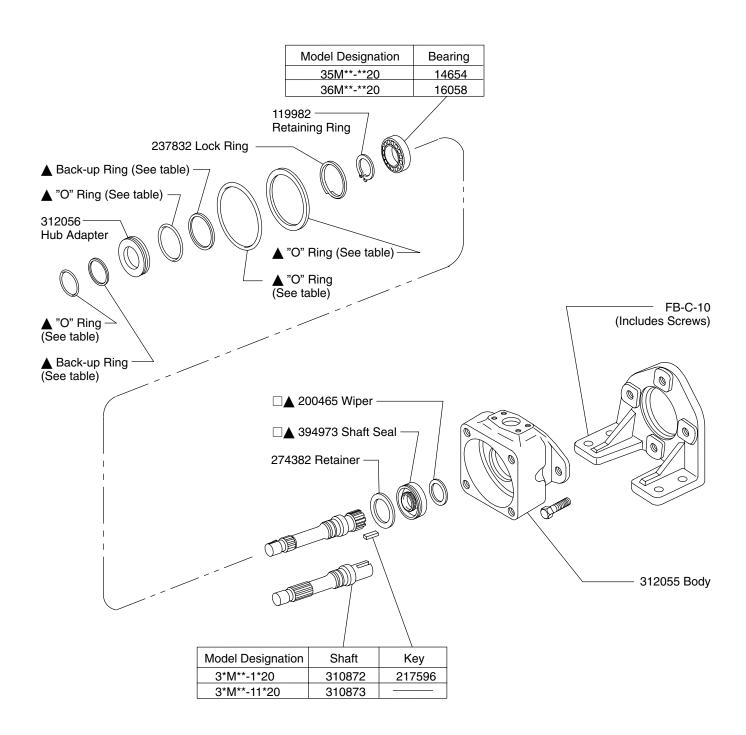




#### □ Note

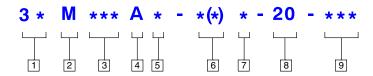
Saturate the felt wiper with oil before assembly. Also, apply a small amount of grease to inner circumference of seal before installation of shaft. Assemble seal with lip toward bearing.





Model Designation	Cartridge Kit	"O" Ring	Back-up Ring	"O" Ring	Back-up Ring	"O" Ring	"O" Ring
3*M80*-**20 3*M95*-**20	923165 923166	▲199814	<b>▲</b> 271735	▲154083	▲271794	▲312092	▲276617
3*M115*-**20							
	These parts are services in Cartridge Kit						

### **Model Code**



- 1 Model Series
- 35 Standard bearing
- 36 Heavy duty bearing
- 2 Vane Motor

М

- Ring Capacity Torque
  Rating (lb. in. per 100 PSI)
- **80** 80 lb. in.
- **95** 95 lb. in.
- **115** 115 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° 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 Eaton OFP, OFR, and OFRS series are recommended.