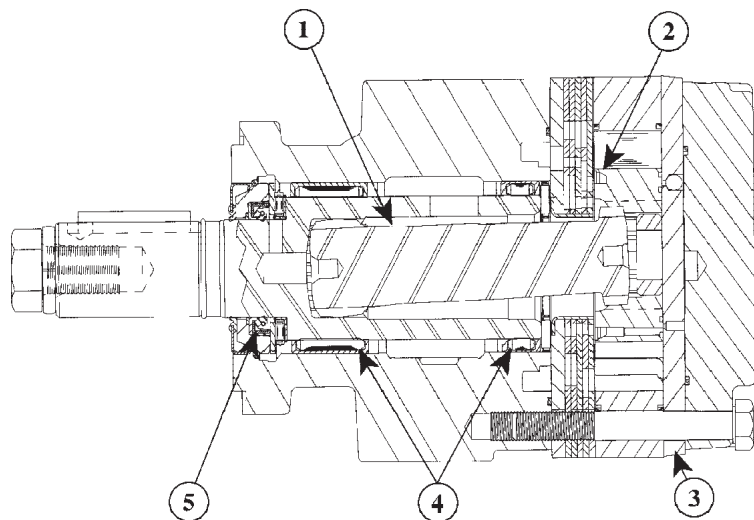


Features

- ❶ **Heavy-Duty Drive Link** is most durable in its class and receives full flow lubrication to provide long life.
- ❷ **Valve-In-Rotor Design** provides cost effective, efficient distribution of oil and reduces overall motor length.
- ❸ **Pressure-Compensated Balance Plate** improves volumetric efficiency at low flows and high pressure.
- ❹ **Three Bearing Options** allow load carrying capability of motor to be matched to application.
- ❺ **High Pressure Viton® Shaft Seal** offers superior seal life and performance and eliminates need for case drain.

RE Seires



Dependable Power, Affordable Price

The RE Series motors offer the perfect compromise between price and performance by producing work horse power at a reasonable cost. Although these motors perform well in a wide range of applications, they are especially suited for low flow, high pressure applications. During startup, pressure causes the balance plate to flex toward the rotor, vastly improving volumetric efficiency. As the motor reaches operating pressure, the balance plate relaxes, allowing the rotor to turn freely which translates into higher mechanical efficiencies. Transmitting this power to the output shaft is the most durable drive link in its class. Three bearing options, combined with standard mounting flanges and output shafts, allow the motor to be configured to suit nearly any application.



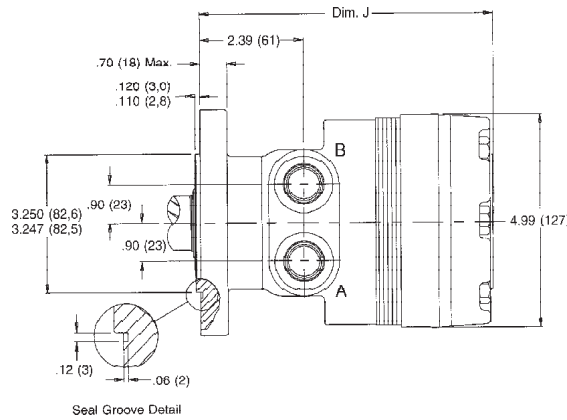
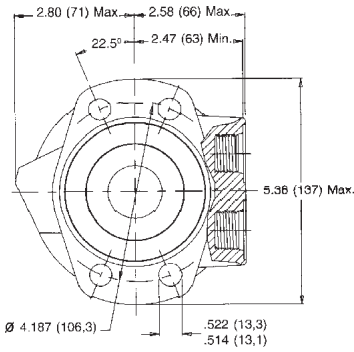
Specifications

Code	Displacement in ³ /rev (cm ³ /rev)	Max Speed		Max Flow		Max Torque			Pressure ΔPSI(ΔBar)		
		RPM		GPM (LPM)		lb-in (Nm)			Cont.	Inter.	Peak
		Cont.	Inter.	Cont.	Inter.	Cont.	Inter.	*Stall			
									Cont.	Inter.	
07	7.4 (121)	360	490	12 (45)	16 (61)	2900 (327)	3400 (383)	2240 (253)	3000 (207)	3500 (241)	4000 (276)
10	9.9 (162)	370	470	16 (61)	20 (76)	4200 (473)	4800 (540)	3100 (350)	3000 (207)	3500 (241)	4000 (276)
12	12.4 (204)	300	370	18 (68)	22 (83)	4800 (540)	5600 (631)	4200 (475)	3000 (207)	3500 (241)	4000 (276)
14	14.2 (232)	260	320	18 (68)	22 (83)	5700 (642)	6300 (709)	4905 (554)	3000 (207)	3500 (241)	4000 (276)
16	15.9 (261)	260	350	20 (76)	24 (91)	6300 (709)	7000 (788)	5345 (604)	3000 (207)	3500 (241)	4000 (276)
18	18.3 (300)	250	320	22 (83)	25 (95)	7300 (822)	8300 (935)	6095 (689)	3000 (207)	3500 (241)	4000 (276)
20	21.2 (348)	220	270	22 (83)	25 (95)	8150 (918)	9250 (1042)	6290 (711)	3000 (207)	3500 (241)	4000 (276)
24	22.8 (375)	200	250	20 (76)	24 (91)	8900 (1002)	10250 (1154)	7600 (859)	3000 (207)	3500 (241)	4000 (276)
26	28.3 (465)	160	200	20 (76)	24 (91)	9650 (1076)	10475 (1179)	8040 (909)	2500 (172)	2750 (189)	3000 (207)
32	32.7 (536)	140	170	20 (76)	24 (91)	8700 (980)	11000 (1239)	7260 (820)	2000 (138)	2500 (172)	3000 (207)
45	45.6 (748)	100	130	20 (76)	24 (91)	9400 (1028)	10950 (1233)	7905 (893)	1500 (103)	1750 (121)	2000 (138)

* Stall torque measured at 1 RPM at continuous pressure per SAE J746b.

Dimensions

08	7/8 - 14 O-Ring Ports - 4 Hole
06	1/2" BSP.F Ports - 4 Hole

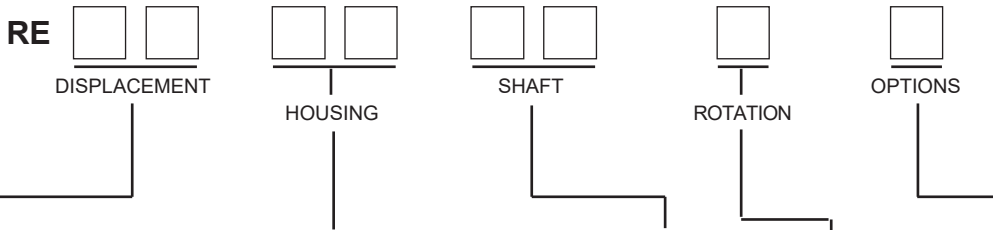


"A" Style Flange

Disp. Code	Dim. J in (mm)	Weight lbs (kg)
07	6.37 (162)	23.4 (10.6)
10	6.37 (162)	23.4 (10.9)
12	6.51 (165)	24.2 (11.0)
14	6.61 (168)	24.4 (11.1)
16	6.70 (170)	25.0 (11.3)
18	6.83 (174)	25.8 (11.7)
20	7.38 (187)	28.2 (12.8)
24	7.38 (187)	27.0 (12.2)
26	7.38 (187)	28.2 (12.8)
32	7.62 (194)	29.4 (13.3)
45	8.33 (212)	32.5 (14.7)

RE motor weights vary ± 1 lb. (.45 kg) depending upon motor

***Ordering Information**



Code	Displacement
07	7.4 in ³ /r (121 cm ³ /r)
10	9.9 in ³ /r (162 cm ³ /r)
12	12.4 in ³ /r (204 cm ³ /r)
14	14.2 in ³ /r (232 cm ³ /r)
16	15.9 in ³ /r (261 cm ³ /r)
18	18.3 in ³ /r (300 cm ³ /r)
20	21.2 in ³ /r (348 cm ³ /r)
24	22.8 in ³ /r (375 cm ³ /r)
26	28.3 in ³ /r (465 cm ³ /r)
32	32.7 in ³ /r (536 cm ³ /r)
45	45.6 in ³ /r (748 cm ³ /r)

Code	Housing
05	Wheel Mount 1/2" BSP.F
06	4-Hole "A" Style 1/2" BSP.F
07	Wheel Mount 7/8-14 O-ring
08	4-Hole "A" Style 7/8-14 O-ring
18	6-Hole "A" Style 7/8-14 O-ring
19	6-Hole "A" Style 1/2" BSP.F
35	Wheel Mount w/Relief Port 1/2" BSP.F
36	"A" Style w/Relief Port 7/8-14 O-ring
37	Wheel Mount w/Relief Port 7/8-14 O-ring
38	"A" Style w/Relief Port 7/8-14 O-ring

Code	Shafts
02	6-B Spline
03	1-1/4" Tapered
04	1-1/4" Straight
05	14 Tooth Spline
06	1" Straight
07	25mm Straight
09	32mm Straight

Code	0	1
RE Rotation		

Code	Options
O	No Options
F	Free Turn
J	Declutch
X	Solid Nut
P	Pack Nut
*R1	1000 PSI (69 Bar) Relief Valve Installed
*R2	2000 PSI (138 Bar) Relief Valve Installed
*R3	3000 PSI (207 Bar) Relief Valve Installed
Z	Speed Sensor
Z1	Speed Sensor with Weatherpack Connector

When purchasing a speed sensor motor using a standard RE housing, please use the shaft codes listed on page 59.

Pac Nut is the registered trademark of ITW-Anchor Stampings.

*Must use 37 or 38 Housing.