

Features:

- Rugged Cast Iron construction
- Roller Vane Power Element – for high volume efficiency and long life
- Orbiting Commutator – for accurate timing and smooth low speed operation
- Full Flow Spline Lubrication – for extended spline life
- High Pressure Shaft Seal – for high back pressure operation without external drain lines
- Spline Geometry – for superior powertrain strength and long service motor life

Specifications:

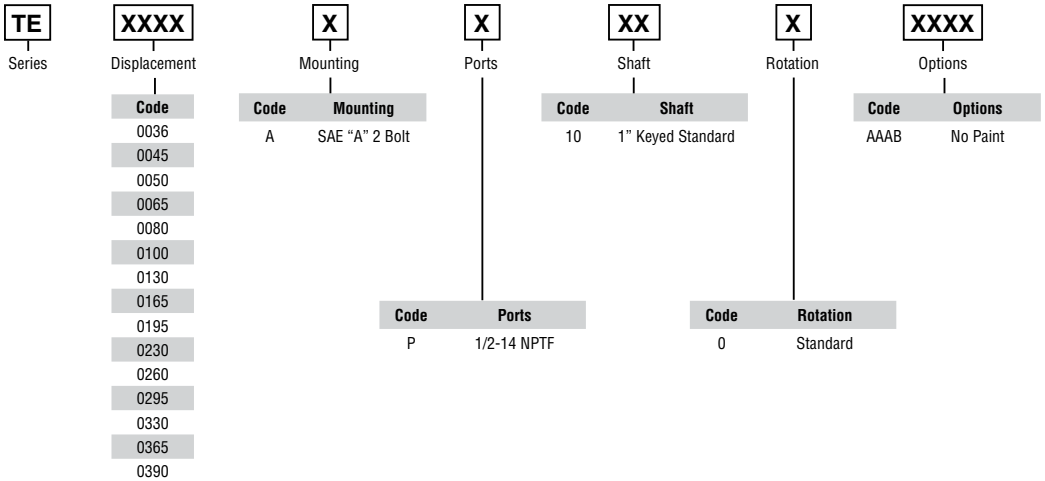
Maximum Oil Temperature: 200°F
 1.00" Shaft Diameter
 1/4" Key Shaft End
 Maximum Working Pressure: 2750 psid

Two Bolt SAE "A" Mount
 Bi-Rotational
 Port Size 1/2" NPT Thread

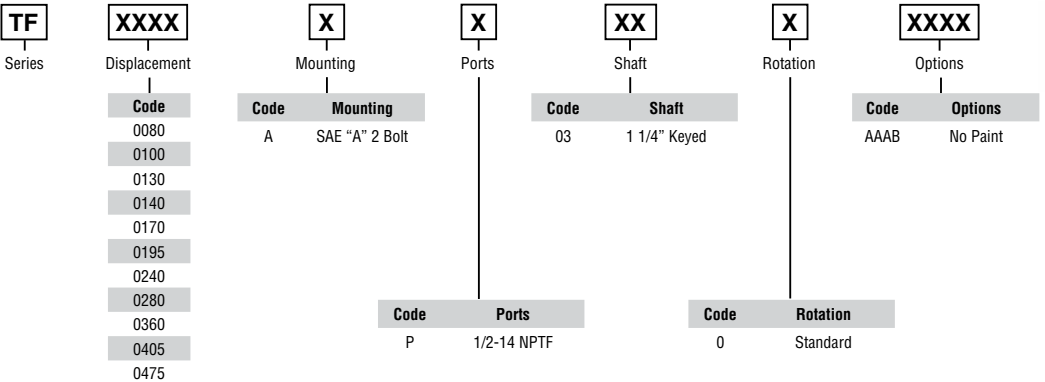
MOTORS

HOW TO ORDER

Series TE Motors



Series TF Motors



MOTORS

SERIES TE



Part No.	Geometric Displacement	Max. Speed @ Max. Intermittent Flow	Max. Oil Flow		Max. Differential Pressure		Max. Supply Pressure	Max. Torque		Max. Performance	Min. Starting Torque	
	Cubic in.	Int rev/min	Cont (g/min)	Int* (g/min)	Cont (PSI)	Int* (PSI)	max (PSI)	Cont (lb.-in.)	Int* (lb.-in.)	max HP	Cont (lb.-in.)	Int* (lb.-in.)
TE0036	2.2	1141	9	11	2030	2750	2900	483	630	11.4	389	460
TE0045	2.5	1024	9	11	2030	2750	2900	624	876	13.9	411	565
TE0050	3.0	1020	9	13	2030	2750	2900	796	1120	17.2	637	871
TE0065	4.0	877	12	15	2030	2750	2900	1106	1558	19.8	885	1211
TE0080	5.0	695	12	15	2030	2750	2900	1416	1947	23.2	1133	1515
TE0100	6.0	582	12	15	2030	2750	2900	1682	2337	23.4	1345	1819
TE0130	8.0	438	12	15	2030	2750	2900	2257	3116	23.2	1806	2423
TE0165	10.0	348	12	15	2030	2750	2900	2744	3846	22.8	2195	2992
TE0195	11.9	292	12	15	2030	2750	2900	3452	4673	23.4	2762	3637
TE0230	13.9	328	15	20	1740	2400	2900	3363	4554	23.8	2691	3637
TE0260	15.9	287	15	20	1595	2250	2900	3540	4870	22.4	2832	3977
TE0295	17.9	256	15	20	1450	2100	2900	3784	5180	21.0	2903	3939
TE0330	20.0	228	15	20	1450	1950	2900	3926	5312	19.8	3045	4014
TE0365	22.6	203	15	20	1378	1825	2900	4133	5728	18.2	3301	4223
TE0390	24.0	191	15	20	1233	1740	2900	3935	5562	16.8	3080	4090

* Intermittent operation rating applies to 10% of every minute.

Note: Performance data based on testing using 10W40 oil with viscosity of 43.1cSt (200 SUS) at 130° F. Performance data is typical. Actual data may vary slightly from one production motor to another.

MOTORS

SERIES TF



Part No.	Geometric Displacement	Max. Speed @ Max. Intermittent Flow	Max. Oil Flow		Max. Differential Pressure		Max. Supply Pressure max (PSI)	Max. Torque		Max. Performance max HP	Min. Starting Torque	
	Cubic in.	rev/min	Cont (g/min)	Int* (g/min)	Cont (PSI)	Int* (PSI)	(PSI)	Cont (lb.-in.)	Int* (lb.-in.)		Cont (lb.-in.)	Int* (lb.-in.)
TF0080	4.9	693	12	15	3000	4000	4350	1948	2621	28.8	1401	1811
TF0100	6.1	749	15	20	2250	3500	4350	1746	2813	33.4	1309	2155
TF0130	7.8	583	15	20	2000	3000	4350	2031	3148	29.1	1596	2460
TF0140	8.6	530	15	20	2000	3000	4350	2248	3477	29.2	1739	2728
TF0170	10.3	444	15	20	2000	3000	4350	2808	4324	30.5	2152	3404
TF0195	12.0	381	15	20	2000	3000	4350	3222	4971	30.1	2671	4142
TF0240	14.5	394	20	25	2000	3000	4350	3782	5928	37.1	3242	5058
TF0280	17.1	334	20	25	2000	3000	4350	4502	7029	37.3	3876	5946
TF0360	22.2	258	20	25	1880	2750	4350	5257	7788	26.8	4575	6898
TF0405	24.7	231	20	25	1850	2750	4350	5800	8106	29.7	5091	6978
TF0475	29.1	195	20	25	1645	2000	4350	6027	7528	23.3	5334	6548

* Intermittent operation rating applies to 10% of every minute.

Note: Performance data based on testing using 10W40 oil with viscosity of 43.1cSt (200 SUS) at 130° F. Performance data is typical. Actual data may vary slightly from one production motor to another.