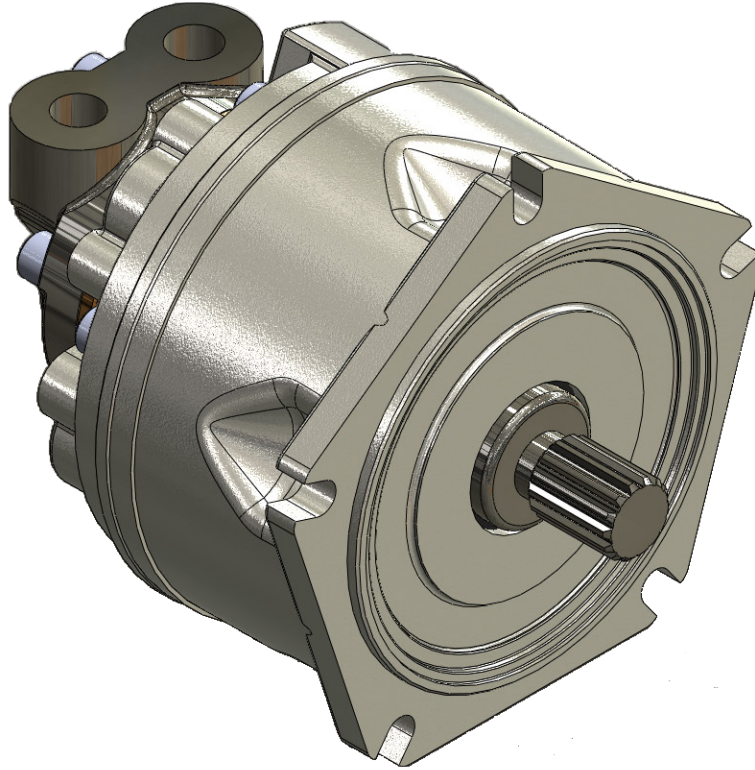


FS15 SERIES



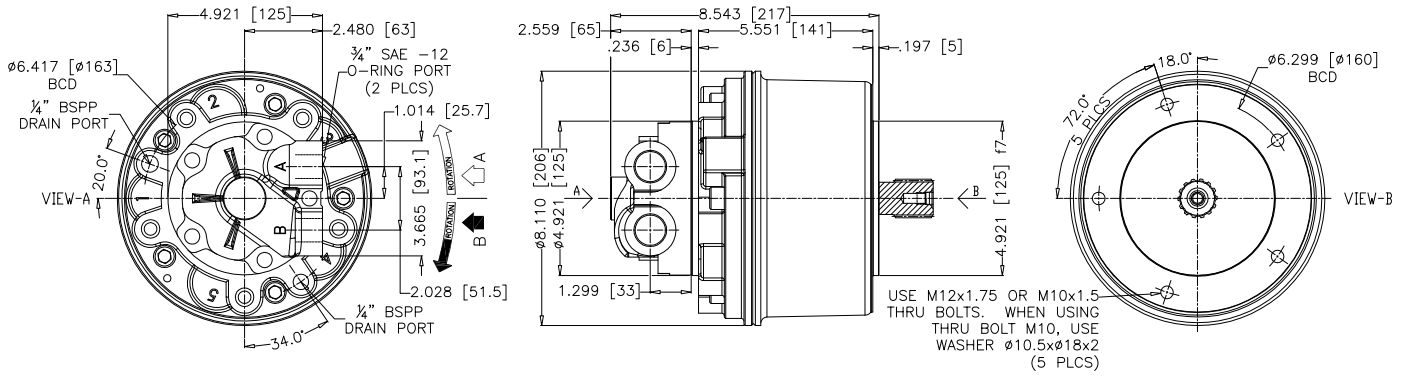
FS15 Series		40	48	57	75	90	100	110	130	150	170	200	220	250
Displacement	in ³ /rev	2.46	2.94	3.52	4.70	5.25	6.13	7.05	7.87	9.20	10.15	11.65	13.25	14.37
Torque/100 psi (Theor)	ft/lb	3.26	3.90	4.67	6.24	6.96	8.13	9.35	10.45	12.21	13.47	15.46	17.58	19.08
Nominal Pressure ⁽¹⁾	psi	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000
Peak Pressure	psi	5500	5500	5500	5500	5500	5500	5500	5500	5500	5500	5500	5500	5500
Max. speed ⁽²⁾	rpm	2000	1000	1000	1000	1000	1000	1000	900	900	800	700	500	500
Peak power	HP	60	60	60	60	60	60	60	60	60	60	60	60	60

FS15 Series HF		40	48	57	75	90	100	110	130	150	170	200	220	250
Displacement	in ³ /rev	2.46	2.94	3.52	4.70	5.25	6.13	7.05	7.87	9.20	10.15	11.65	13.25	14.37
Torque/100 psi (Theor)	ft/lb	3.26	3.90	4.67	6.24	6.96	8.13	9.35	10.45	12.21	13.47	15.46	17.58	19.08
Nominal Pressure ⁽¹⁾	psi	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000
Peak Pressure	psi	6000	6000	6000	6000	6000	6000	6000	6000	5800	5800	5800	5800	5800
Max. speed ⁽²⁾	rpm	2000	1700	1600	1500	1350	1100	1200	1100	1100	1000	900	800	700
Peak power	HP	90	90	90	90	90	90	90	90	90	90	90	90	90

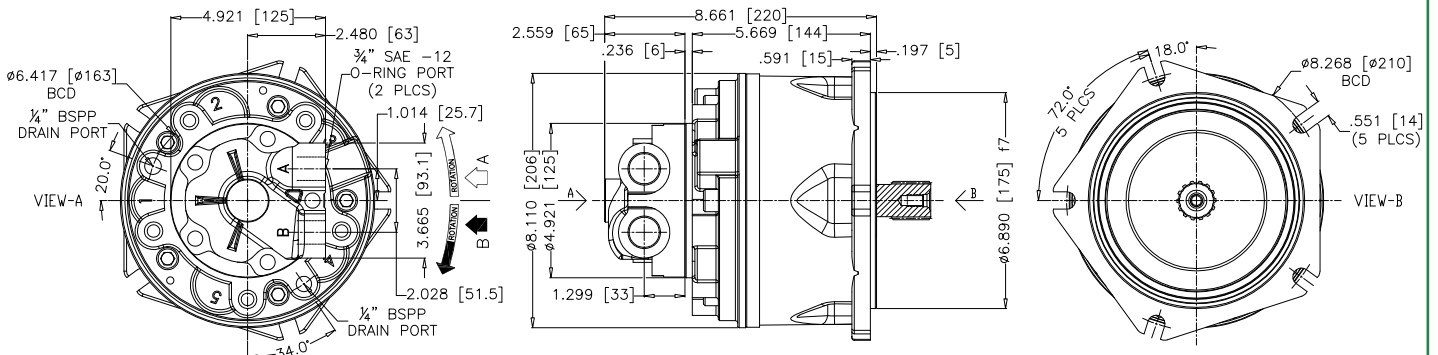
Approximate Weight: 68 lbs **Motor Casing Oil Capacity:** 49 in³ **Max. Casing Pressure:** 14.5 psi (72.5 psi peak)

1) Continuous or average working pressure should be chosen on the motor bearing lifetime choice. 2) Speed limitation with optional low speed distributors (eg. D31); see distributor pages section.

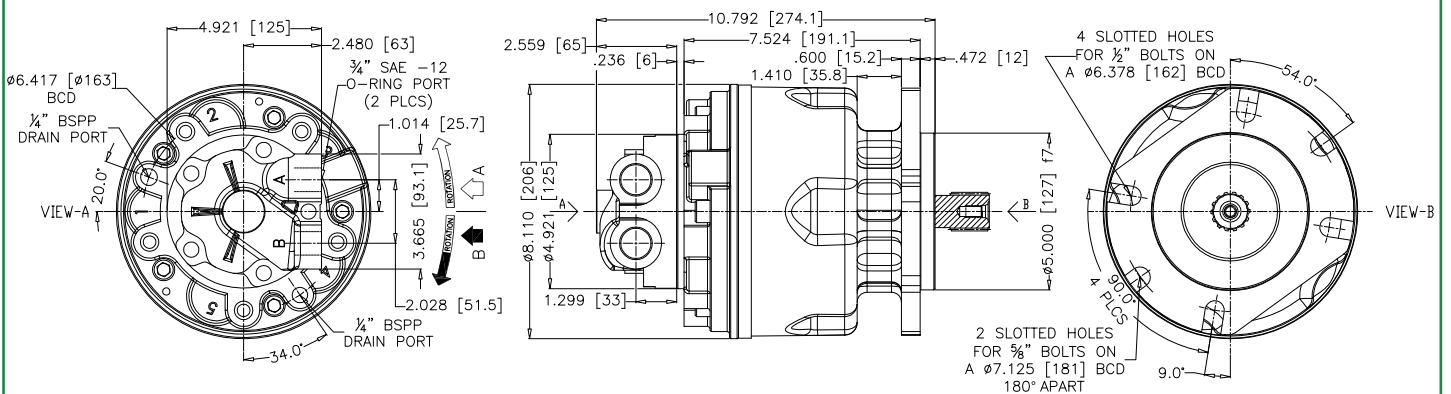
A1 MOUNT



A2 MOUNT

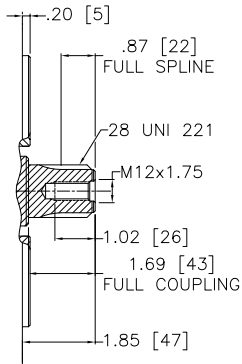


A3 MOUNT

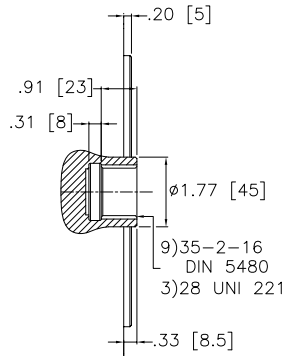


SHAFT OPTIONS FOR A1/A2 MOUNTS

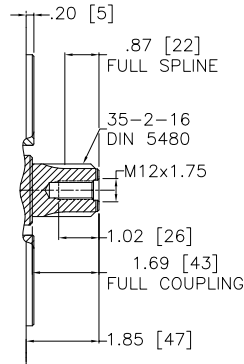
1 Piece Shafts



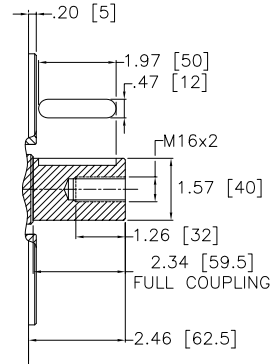
Code 1



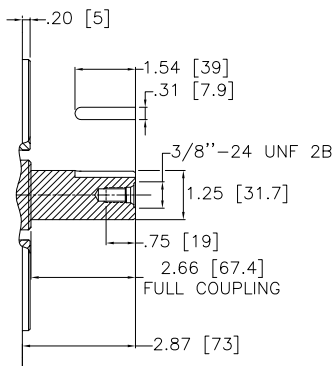
Code 3/9



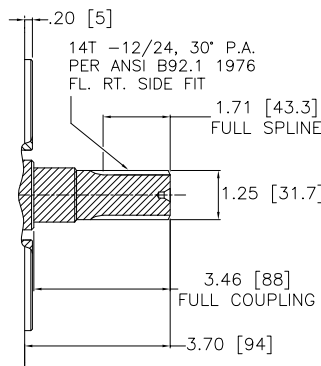
Code 7



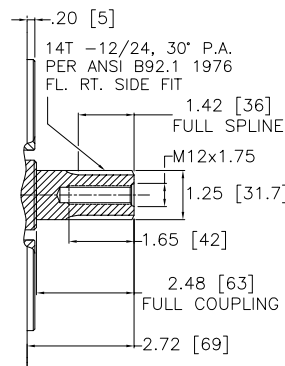
Code 8a



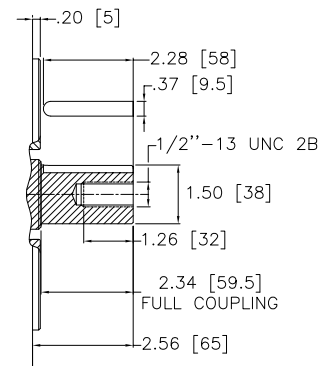
Code 28a



Code 37

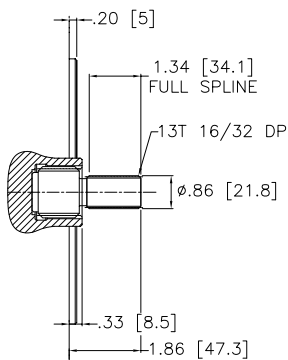


Code 67

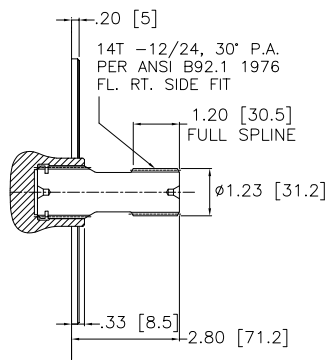


Code 68

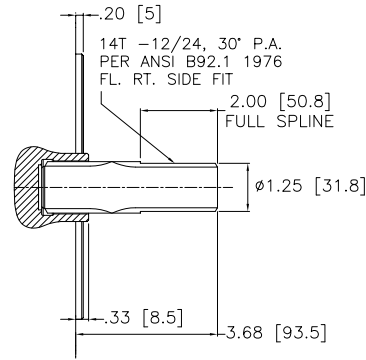
2 Piece Shafts



Code 13

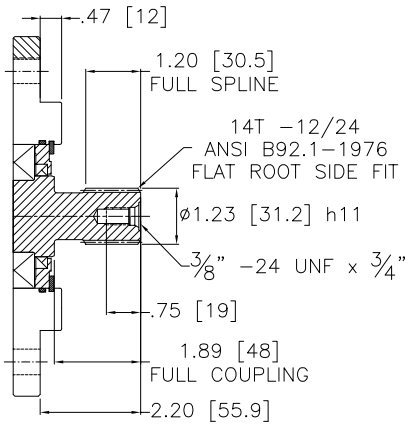
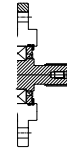


Code 17

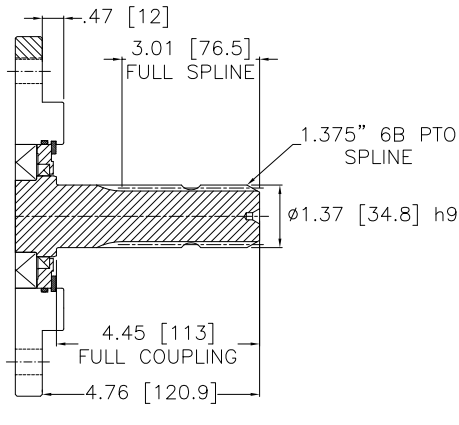


Code 27

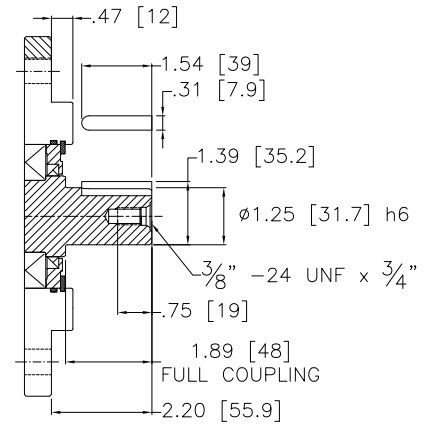
SHAFT OPTIONS FOR A3 MOUNT WITH 3RD BEARING



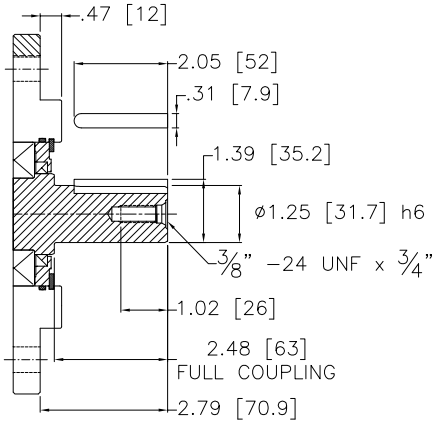
Code 17



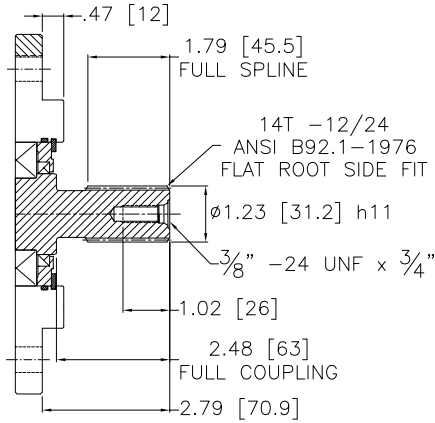
Code 26



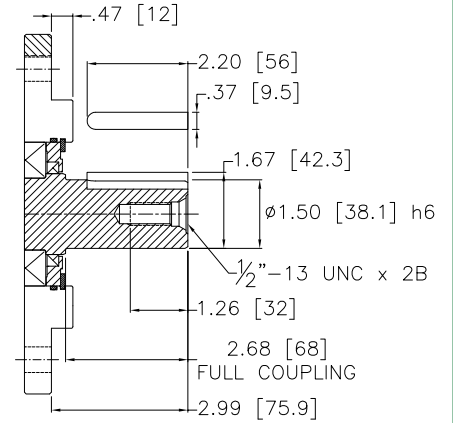
Code 28



Code 58

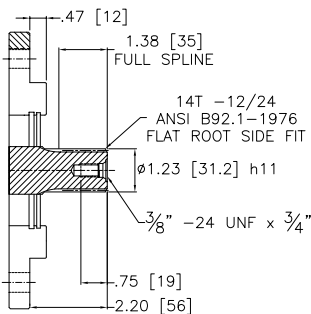
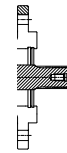


Code 67

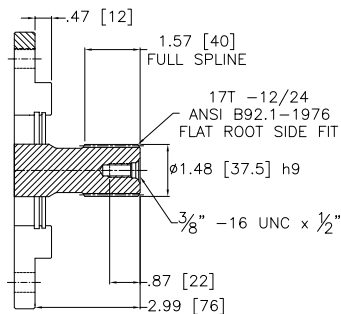


Code 68

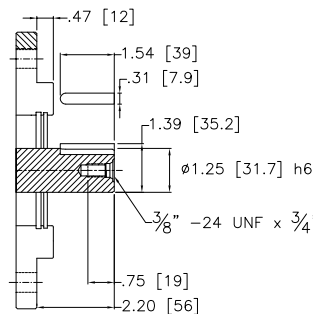
SHAFT OPTIONS FOR A3 MOUNT WITHOUT 3RD BEARING



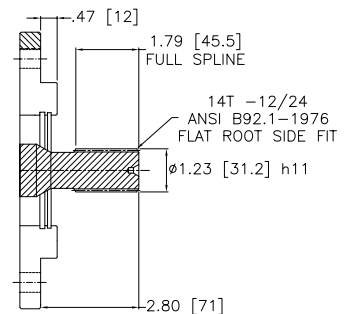
Code 27



Code 32



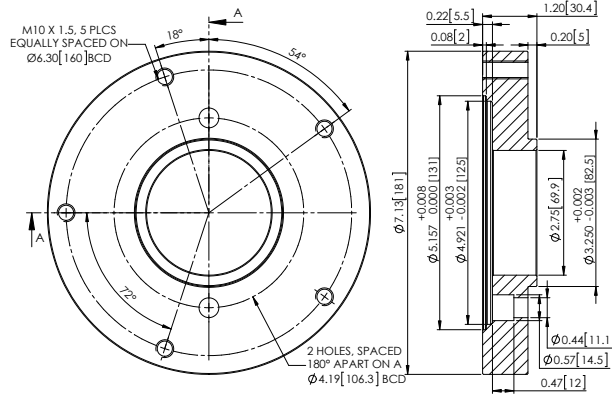
Code 38



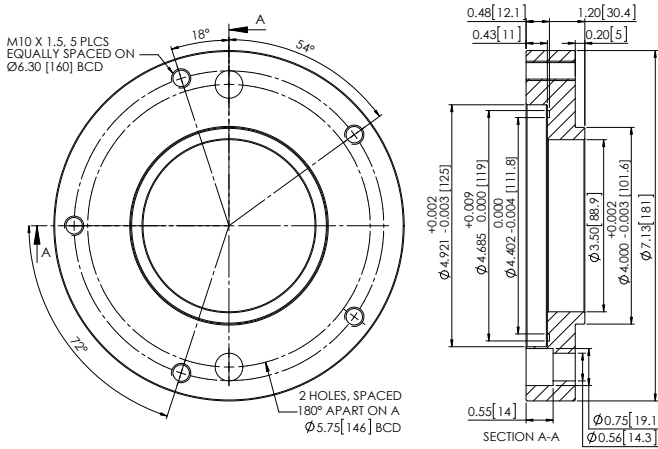
Code 67

SAE FLANGE OPTIONS FOR A1 MOUNT

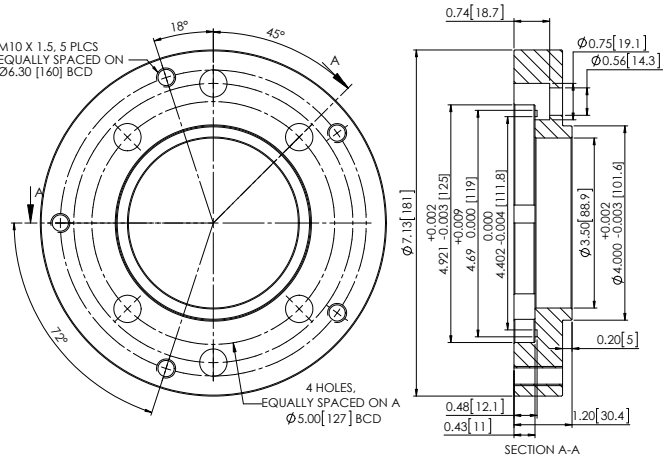
SAE-A 2 BOLT FLANGE



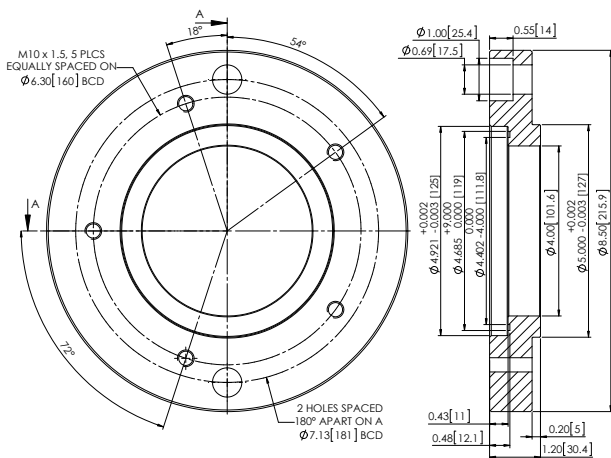
SAE-B 2 BOLT FLANGE



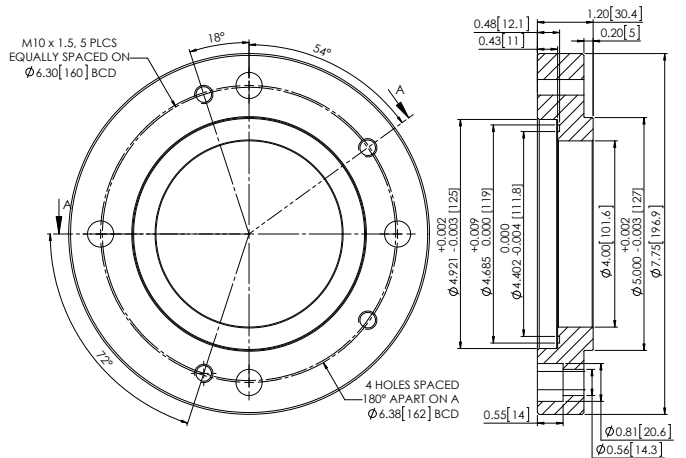
SAE-B 4 BOLT FLANGE



SAE-C 2 BOLT FLANGE



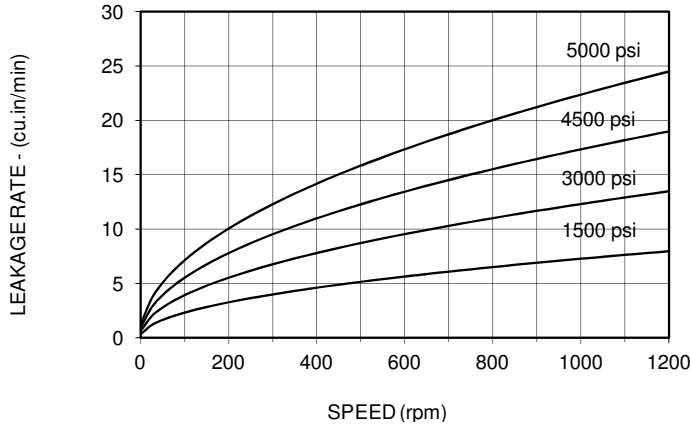
SAE-C 4 BOLT FLANGE



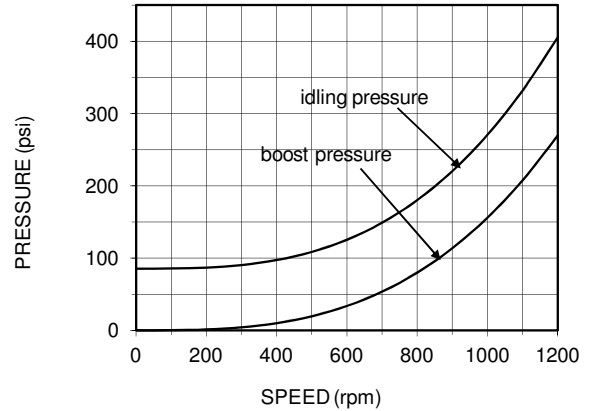
FS15 MOTOR PERFORMANCE DATA

The graphs indicate the typical performance characteristics of the 250 displacement motor operating with mineral oil with viscosity 40 cSt at 50°C.

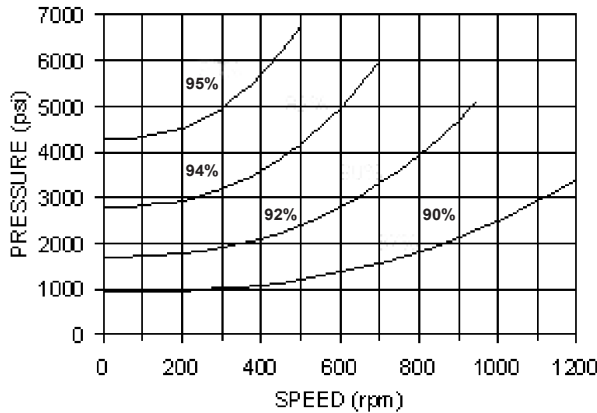
VOLUMETRIC EFFICIENCY



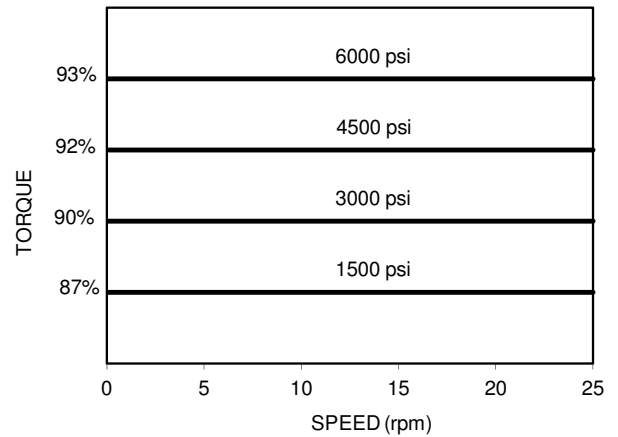
IDLING AND BOOST PRESSURE



MECHANICAL EFFICIENCY



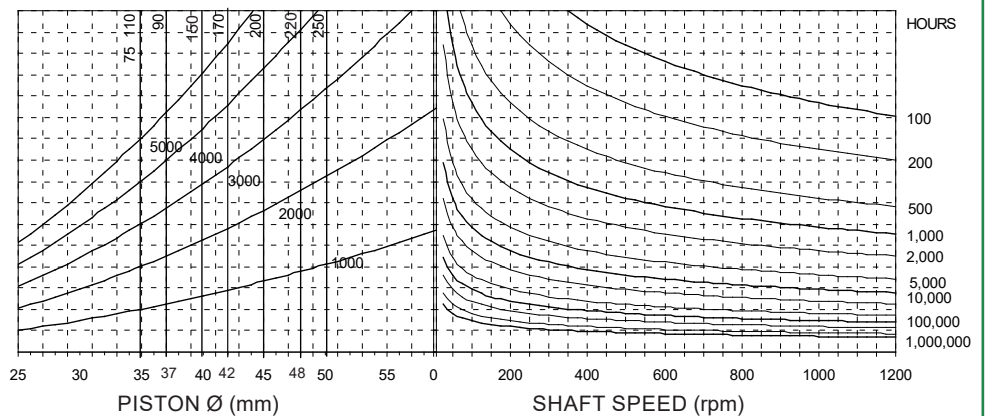
STARTING AND LOW SPEED TORQUE



BEARING LIFETIME

The graph refers to the motor with roller bearings (option 11). Note that the average lifetime of a bearing (B_{50} lifetime) is approximately 5 times the B_{10} lifetime.

Motor bearing life on the HD version approx. double than standard version (**consult factory for actual hrs life**)



FS15 ORDERING CODES

