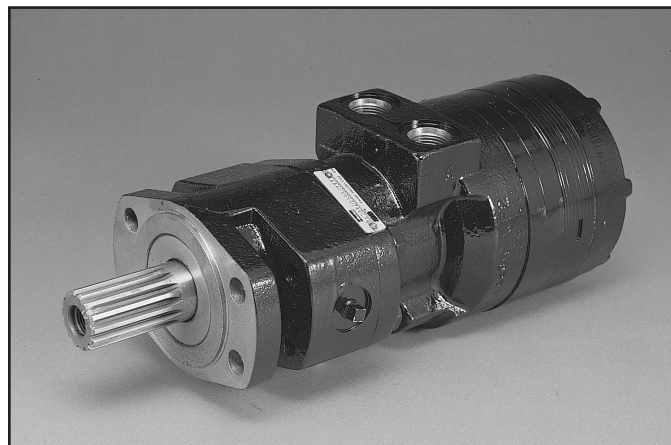


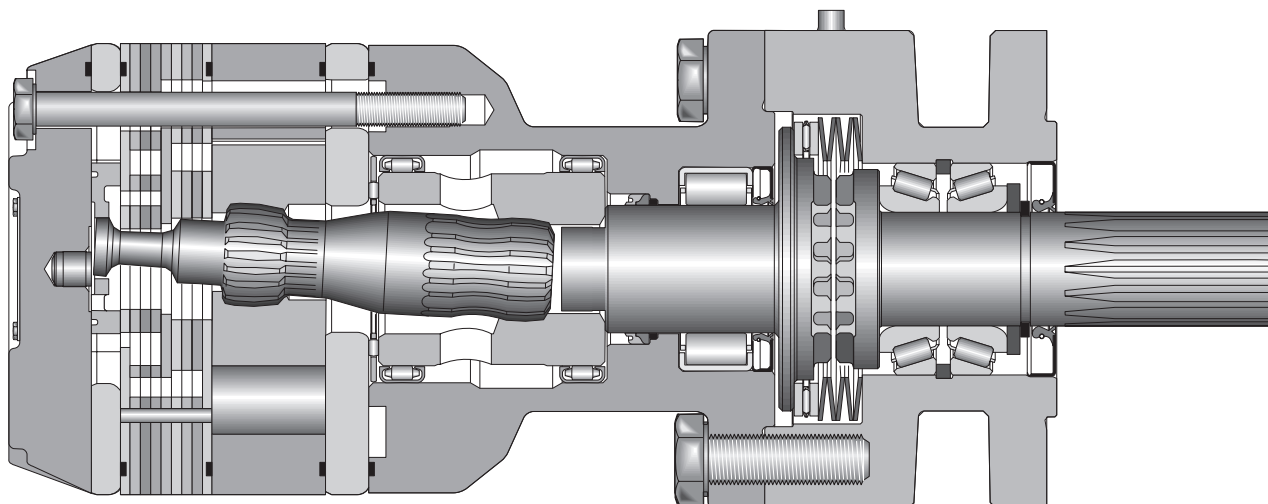
9 Displacements	(4.9 - 22.2 in ³ /rev)	
9 Schluckvolumen	81 . . . 364 cm ³ /rev	
9 Cylindrée		
9 Desplazamientos		
	Cont.	Int.
Maximum Pressure	(3000 psid)	(4000 psid)
Eingangsdruck	. . . 207 bar	. . . 276 bar
Pression entrée		
Presion Maxima		
Maximum Oil Flow	(25 gpm)	
Schluckstrom	. . .95 lpm	
Débit d'huile		
Caudal Maximo de Aceite		
Maximum Speed	(749 rpm)	
Drehzahl	749 rpm	
Vitesse de rotation		
Velocidad Maxima		
	Cont.	Int.
Maximum Torque	(4502 lb in)	(7029 lb in)
MaxDrehmoment	509 Nm	794 Nm
Couple		
Torque Maximo		

The Clutch Motor consists of a TF Series motor separated from the output shaft by a face spline coupling. The coupling is held apart by springs, disconnecting the motor from the output shaft, allowing the output shaft to freewheel. When hydraulic pressure is applied to either motor port, the springs separating the coupling are overcome and the motor is coupled to the output shaft.



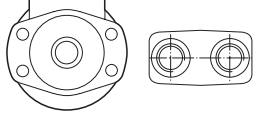
Notes:



- 1) It is not recommended to engage the clutch while the output shaft is rotating.
- 2) Clutch may not disengage if there is residual torque on output shaft when pressure is lost at motor ports.
- 3) Minimum pressure to engage clutch - 200 PSI.
- 4) To assure clutch disengagement, pressure at motor ports must be below 60 PSI.
- 5) Shaft will freewheel when pressure is lost at motor ports whether by design or inadvertently. The possibility of unplanned freewheeling should be considered in the design of the system.
- 6) If applicable, contact factory for radial load capacity.





TF	XXXX	GS	XX	0	XXXX
Series	Displacement Schluckvolumen Cylindrée Desplazamiento	Mounting/Ports Gehäuse/Anschluß Carter/Plan de raccordement Montaje/Lumbreras	Shaft Welle Arbre Eje	Rotation Drehrichtung Direction de rotation Rotacion	Options Opciones

Code	cm ³ /tr cm ³ /giro cm ³ /U in ³ /rev
0080	81 / 4.9
0100	100 / 6.1
0130	128 / 7.8
0140	141 / 8.6
0170	169 / 10.3
0195	197 / 12.0
0240	238 / 14.5
0280	280 / 17.1
0365	364 / 22.2

Code	Mounting/Ports
GS	Magneto/7/8-14 SAE 

Code	Shaft
03	1 1/4" Keyed 
05	1 1/4" 14 Tooth Spline 

Code	Rotation
0	Standard 
1	Reverse Timed Manifold 

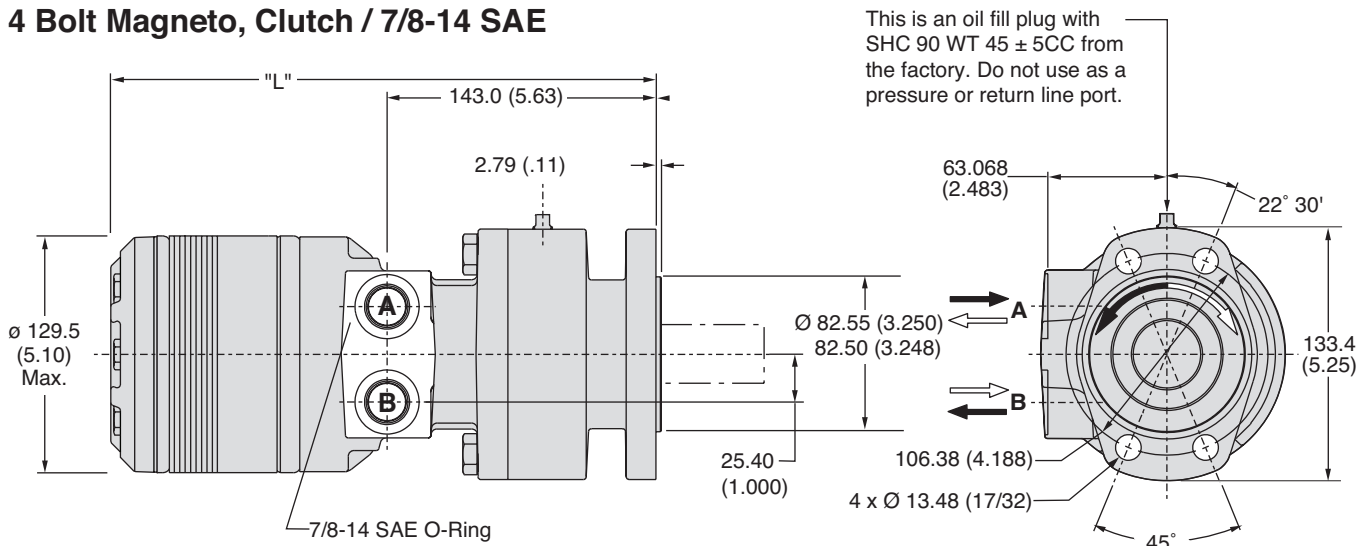
Code	Options
AAAA	Standard, Black Paint
AAAB	Standard, No Paint
AAAC	Double Paint
AABJ	Free Running Rotor Set, Black Paint
AABK	Free Running Rotor Set, No Paint
BBBA	1000 PSI/69 Bar Internal Bidirectional Relief, Black Paint
BBBM	1000 PSI/69 Bar Internal Bidirectional Relief, No Paint
BBBG	1500 PSI/103 Bar Internal Bidirectional Relief, Black Paint
BBBJ	1500 PSI/103 Bar Internal Bidirectional Relief, No Paint
BBBB	2000 PSI/138 Bar Internal Bidirectional Relief, Black Paint
BBBN	2000 PSI/138 Bar Internal Bidirectional Relief, No Paint
BBDL ¹³	2500 PSI/172 Bar Internal Bidirectional Relief, Black Paint
BBCG ¹³	2500 PSI/172 Bar Internal Bidirectional Relief, No Paint
BBBC ¹³	3000 PSI/207 Bar Internal Bidirectional Relief, Black Paint
BBBF ¹³	3000 PSI/207 Bar Internal Bidirectional Relief, No Paint
BBBD ¹⁴	4000 PSI/276 Bar Internal Bidirectional Relief, Black Paint
BBBW ¹⁴	4000 PSI/276 Bar Internal Bidirectional Relief, No Paint

¹³ Only available with displacement 0080
¹⁴ Not available with displacements 0365

For other available options, see pages 237–238.

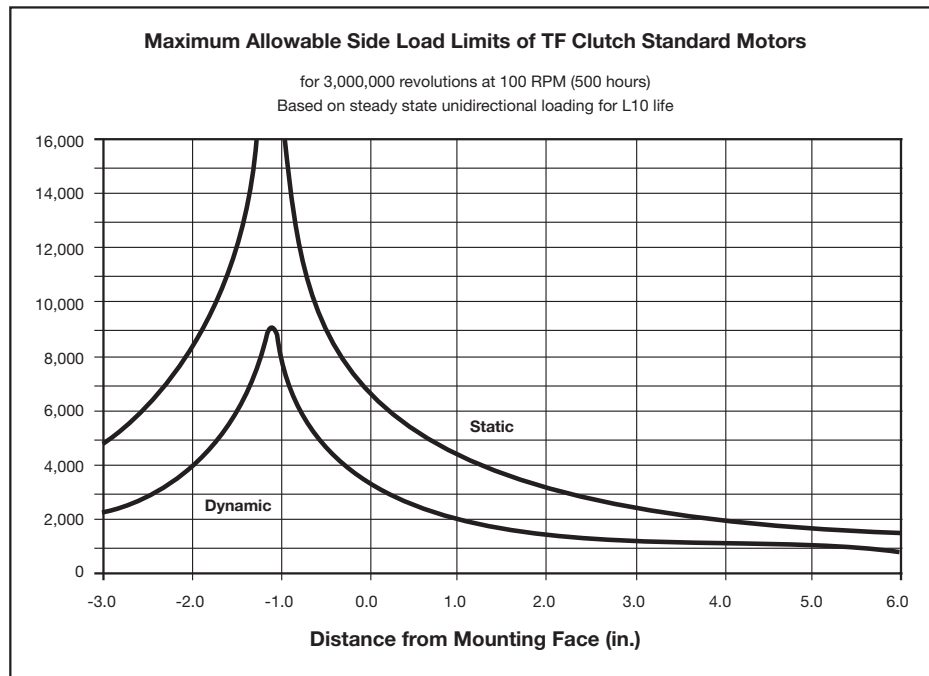
Code: GS

4 Bolt Magneto, Clutch / 7/8-14 SAE



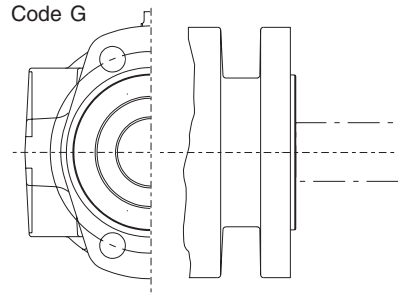
Code GS	disp.	0080	0100	0130	0140	0170	0195	0240	0280	0365
Weight/Gewicht	kg	17.9	17.9	18.1	18.2	18.5	18.8	19.2	19.5	20.3
Poids/Peso	(lb)	(39.3)	(39.4)	(39.9)	(40.1)	(40.7)	(41.3)	(42.3)	(42.9)	(44.6)
Length	"L" mm	270	270	273	275	278	281	286	290	300
	"L" (in)	(10.61)	(10.61)	(10.73)	(10.80)	(10.92)	(11.05)	(11.23)	(11.42)	(11.80)

For performance data curves, see TF section.



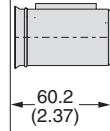
English equivalents for metric specifications are shown in ().

008 TF Clutch.indd, js



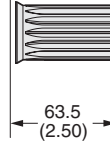
Code: 03

1 1/4" Keyed



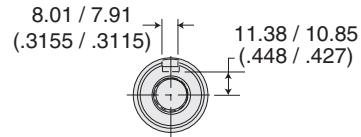
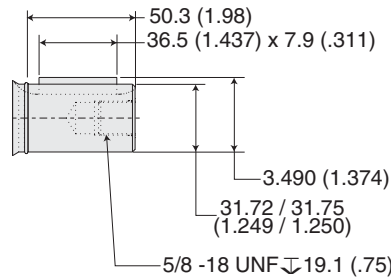
Code: 05

1 1/4" 14 Tooth Spline



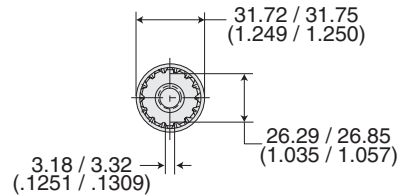
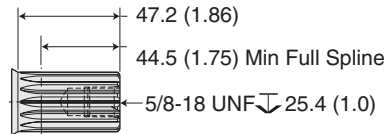
Code: 03

1 1/4" Keyed



Code: 05

1 1/4" 14 Tooth Spline



English equivalents for metric specifications are shown in ().