15 Displacements	(6.9 to 58.5 in³/rev)
15 Schluckvolumen	**110 . . . 959 cm³/rev**
15 Cylindrée	
15 Despazamientos	

	Cont.	**Int.**
Maximum Pressure	(3500 psid)	(4000 psid)
Eingangsdruck	**. . . 241 bar**	**. . . 276 bar**
Pression entrée		
Presion Maxima		

Maximum Oil Flow	(30 gpm)
Schluckstrom	**. . . 114 lpm**
Débit d'huile	
Caudal Maximo de Aceite	

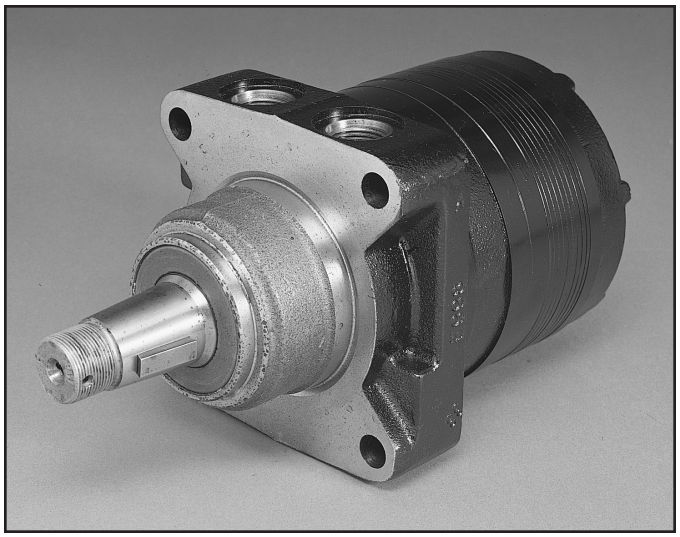
Maximum Speed	(660 rpm)
Drehzahl	**660 rpm**
Vitesse de rotation	
Velocidad Maxima	

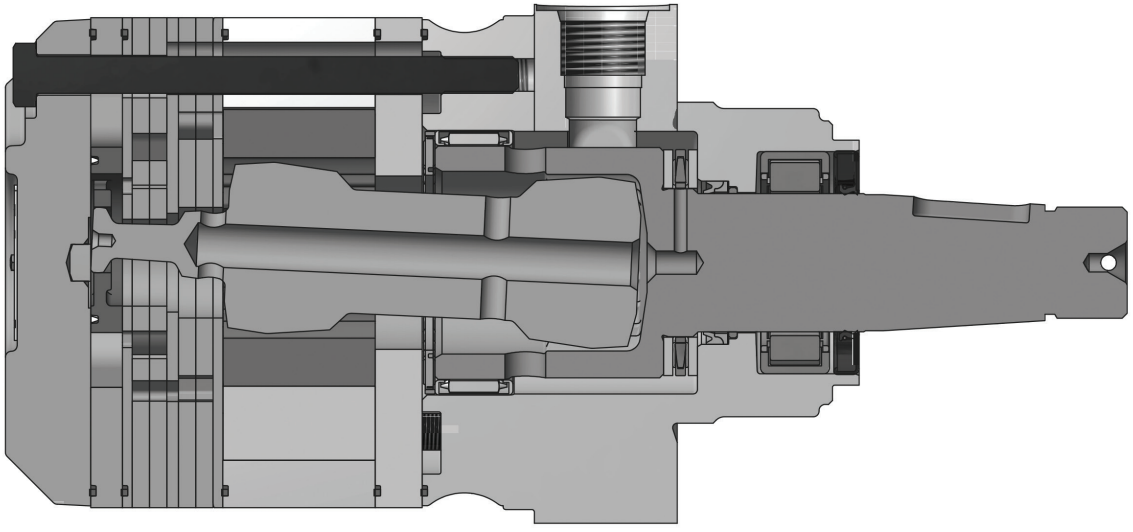
	Cont.	**Int.**
Maximum Torque	(14,624 lb in)	(17,948 lb in)
MaxDrehmoment	**1652 Nm**	**2028 Nm**
Couple		
Torque Maximo		

Maximum Side Load at Key	(3597 lb)
Seitenlast	**. . . 16000 N**
Charges latèrales	
Carga Maxima Lateral	

High Power Density in a Compact Design

The TGK motor is a compact motor with the performance of much larger motors. Up to 45 HP in less than 6 inches of length. This high power density allows for higher HP applications in a small space, reducing machine weight as well. Its unique drive train design is based on proven Torqmotor™ technology, assuring unmatched durability.





TGK

Series

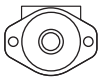
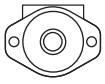
XXXX

Displacement
Schluckvolumen
Cylindrée
Desplazamiento

Code	cm³/tr cm³/giro cm³/U in³/rev
0110	110 / 6.9
0140	141 / 8.6
0170	169 / 10.3
0195	195 / 11.9
0240	238 / 14.5
0280	280 / 17.1
0310	310 / 18.9
0335	337 / 20.6
0360	360 / 22.2
0405	405 / 24.7
0475	477 / 29.1
0530	528 / 32.3
0625	623 / 38.0
0785	786 / 48.0
0960	959 / 58.5

X

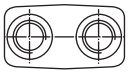
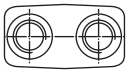
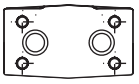
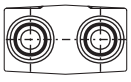
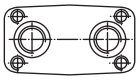
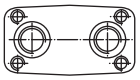
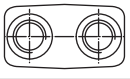
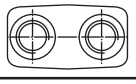
Mounting
Gehäuse
Carter
Montaje

Code	Mounting
A	SAE “A” 2 Bolt 
B	SAE “B” 2 Bolt 
L	Wheel, Front Brake
T	Wheel, Front Brake No tapped holes in nose
M	Magneto
E	Modified SAE “A” (6 Hole) with Long Pilot
U	Wheel, Standard
W*	Wheel, Optional
D*	Large Wheel Mount
V*	SAE “A” 4 Bolt

*Requires rear porting

X

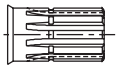
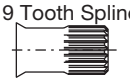
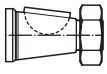
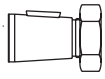
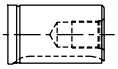
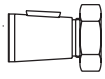
Ports
Anschluß
Plan de raccordement
Lumbreras

Code	Ports
A	7/8-14 SAE O-Ring; Rear Axial
B	7/8-14 SAE O-Ring; Rear Radial 
X	G 1/2 BSPP, Rear Radial 
E	Manifold; Rear Radial 
H	ISO 6149 M22 x 1.5 
M*	5/16-18 UNC Manifold 
K*	Manifold M6, Front 
S	7/8-14 SAE 
T	1/2 BSPF Front 

*Not available on L, U or W mounting.

XX

Shaft
Welle
Arbre
Eje

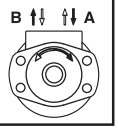
Code	Shaft
03	1 1/4" Keyed
04	10B Spline 
05	1 1/4" 14 Tooth Spline
06	19 Tooth Spline 
08	1 1/4" Tapered 
19	1 3/8" J501 Taper 
20	1 3/8" Keyed 
31**	1 1/2" Taper 1.25-18 Thread 
32**	1 1/2" Straight Key 3/8 Tap
36**	1 1/2" 17 Tooth Spline 12/24 Pitch
46	32 mm Keyed
62*	1 1/4" 14 Tooth Spline SAE
64	40 mm Keyed

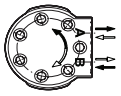
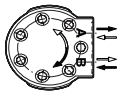
* Conforms to SAE recommended length

** Requires T mounting

0

Rotation
Drehrichtung
Direction de rotation
Rotacion

Code	Rotation
0	Standard
1	Reverse Timed Manifold 

Code	Rear Rotation
0	Standard 
1	Reverse Timed Manifold 

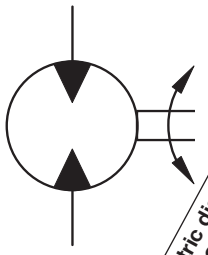
Rotation viewed from shaft end.

XXXX

Options
Opciones

Code	Options
AAAA	Standard, Black Paint
AAAB	Standard, No Paint
AAAC	Double Paint
AAAF[15]	Castle Nut, Black Paint
AABP[15]	Castle Nut, No Paint
AAAG	Fluorocarbon Seals, Black Paint
AAAH	Fluorocarbon Seals, No Paint
AAAJ	High Temperature Commutator Seals, Black Paint
AAFG	High Temperature Commutator Seals, No Paint
AAFW	Fluorocarbon seals, High Temperature Commutator Seals, Black paint
AAFA	Fluorocarbon seals, High Temperature Commutator Seals, No paint
AANG[20]	Fluorocarbon seals, High Temperature Commutator Seals, Castle Nut, Black paint
AADD[20]	Fluorocarbon seals, High Temperature Commutator Seals, Castle Nut, No paint
AABJ	Free Running Rotor Set, Black Paint
AABK	Free Running Rotor Set, No Paint
AABL	Free Running Rotor Set, No Commutator Seal, Black Paint
AABM	Free Running Rotor Set, No Commutator Seal, No Paint
BBBA[10]	1000 PSI/69 Bar Internal Bidirectional Relief, Black Paint
BBBM[10]	1000 PSI/69 Bar Internal Bidirectional Relief, No Paint
BBBG[10]	1500 PSI/103 Bar Internal Bidirectional Relief, Black Paint
BBBJ[10]	1500 PSI/103 Bar Internal Bidirectional Relief, No Paint
BBBB[10]	2000 PSI/138 Bar Internal Bidirectional Relief, Black Paint
BBBN[10]	2000 PSI/138 Bar Internal Bidirectional Relief, No Paint
BBDL[10,21]	2500 PSI/172 Bar Internal Bidirectional Relief, Black Paint
BBCG[10,21]	2500 PSI/172 Bar Internal Bidirectional Relief, No Paint
BBBC[10,21]	3000 PSI/207 Bar Internal Bidirectional Relief, Black Paint
BBBF[10,21]	3000 PSI/207 Bar Internal Bidirectional Relief, No Paint
BBBD[10,18]	4000 PSI/276 Bar Internal Bidirectional Relief, Black Paint
BBBW[10,18]	4000 PSI/276 Bar Internal Bidirectional Relief, No Paint
FSAA	Speed Sensor, Black Paint
FSAB	Speed Sensor, No Paint
AAAT[10]	Bidirectional Shuttle, 11:00, Black Paint
AAFX[10]	Bidirectional Shuttle, 11:00, No Paint
AAAU[10,15]	Bidirectional Shuttle, 11:00, Castle Nut, Black Paint
AAGF[10,15]	Bidirectional Shuttle, 11:00, Castle Nut, NO Paint
AAUY	Nickel Plated Except Shaft

[10] Not available with ports code A, B or E
[15] Available only with shaft codes 08, 19
[18] Not available with displacements 0530, 0625, 0785 or 0960
[20] Available only with shaft codes 08, 19 and 31
[21] Not available with displacements 0785 or 0960



Motor Series TGK	Geometric displacement Geom. Schluckvolumen Cylindrée Cilindrata	Max. speed @ Max. intermittent flow Max. Drehzahl Intermittierender Betrieb: Vitesse de rotation maxi Velocidad maxima a caudal intermitente maximo	Max. oil flow Max. Schluckstrom Débit d'huile maxi Portata max		Max. differential pressure Max. Druckgefälle Chute de pression maxi Presion diferencial maxima		Max. supply pressure Max. Eingangsdruck Pression maxi entrée Presion maxima de alimentacion	Max. torque Max. Drehmoment Couple maxi Torque Maximo		Max. performance Max. Leistungsabgabe Puissance de sortie maxi Potenza meccanica max	Min. starting torque Min. Anlaufmoment Couple min. fourni au dé manrage Torque minimo de arranque	
	cm³/rev in³/rev	rev/min	*cont*	*int*	*cont*	*int*	*max*	*cont*	*int*	*max*	*cont*	*int*
			l/min g/min		bar psid		bar psid	Nm lb-in		KW HP	Nm lb-in	
0110	**110** 6.9	672	**76** 20	**95** 25	**241** 3500	**276** 4000	**300** 4350	**373** 3299	**426** 3767	**24** 32	**279** 2464	**318** 2814
0140	**141** 8.6	660	**76** 20	**95** 25	**241** 3500	**276** 4000	**300** 4350	**474** 4199	**530** 4794	**30** 40	**354** 3137	**418** 3706
0170	**169** 10.3	554	**76** 20	**95** 25	**241** 3500	**276** 4000	**300** 4350	**578** 5114	**646** 5838	**32** 43	**432** 3820	**505** 4392
0195	**195** 11.9	477	**76** 20	**95** 25	**241** 3500	**276** 4000	**300** 4350	**671** 5936	**753** 6776	**31** 41	**501** 4434	**562** 5062
0240	**238** 14.5	393	**76** 20	**95** 25	**241** 3500	**276** 4000	**300** 4350	**794** 7027	**913** 8031	**30** 40	**593** 5250	**678** 6000
0280	**280** 17.1	334	**76** 20	**95** 25	**241** 3500	**276** 4000	**300** 4350	**936** 8286	**1073** 9470	**29** 39	**699** 6191	**799** 7075
0310	**310** 18.9	303	**76** 20	**95** 25	**241** 3500	**276** 4000	**300** 4350	**1037** 9175	**1229** 10465	**29** 39	**773** 6841	**883** 7819
0335	**337** 20.6	277	**76** 20	**95** 25	**241** 3500	**276** 4000	**300** 4350	**1128** 9981	**1297** 11834	**28** 37	**843** 7457	**963** 8522
0360	**360** 22.2	263	**76** 20	**95** 25	**241** 3500	**276** 4000	**300** 4350	**1205** 10665	**1377** 12189	**28** 37	**900** 7968	**1029** 9107
0405	**405** 24.7	232	**76** 20	**95** 25	**241** 3500	**276** 4000	**300** 4350	**1353** 11971	**1546** 13681	**29** 39	**1011** 8944	**1155** 10222
0475	**477** 29.1	237	**76** 20	**114** 30	**241** 3500	**276** 4000	**300** 4350	**1593** 14101	**1821** 16115	**37** 49	**1190** 10535	**1360** 12040
0530	**528** 32.3	231	**76** 20	**114** 30	**224** 3250	**259** 3750	**300** 4350	**1643** 14537	**1895** 16774	**32** 43	**1227** 10861	**1416** 12532
0625	**623** 38.0	182	**76** 20	**114** 30	**190** 2750	**224** 3250	**300** 4350	**1635** 14469	**1932** 17100	**28** 38	**1221** 10810	**1443** 12776
0785	**786** 48.0	143	**76** 20	**114** 30	**152** 2200	**186** 2700	**300** 4350	**1652** 14624	**2028** 17948	**22** 30	**1234** 10926	**1515** 13409
0960	**959** 58.5	118	**76** 20	**114** 30	**124** 1800	**159** 2300	**300** 4350	**1647** 14580	**2105** 18630	**19** 26	**1231** 10893	**1504** 13314

Performance data based on testing using 10W40 oil with a viscosity of 200 SUS at 54° C (130° F). Performance data is typical. Actual data may vary slightly from one production motor to another.

Les donnees sur les performances sont basees sur des tests utilisant de l'huile 10W40 d'une viscosite de 200 SUS a 54°C (130°F). Ces donnees correspondent a des situations typiques. Les donnees reelles peuvent varier legerement d'un moteur de production a l'autre.

Leistungsdaten sind gemessen mit SAE 10W40 bei einer Viskositaet von 43,1 Cst bei 54ºC. Geringfuegige Abweichungen von den Katalogdaten sind moeglich.

Datos tecnicos obtenidos con aceite 10W40 de 200 SUS de viscosidad a 54°C (130°F). Los datos proporcionados son valores tipcos. Los valores exactos reales podrian tener una pequena variacion entre distintos motores.

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

Intermittierende Werte maximal 10% von jeder Betriebsminute.

Fonctionnement interm. 10% max. de chaque minute d`utilisation.

Capacidad de funcionamiento intermitente valida para 10% por cada minuto.

TGK 0110

110 cm³ / rev (6.9 in³ / rev)

PRESSURE (PSID)

Flow (GPM)	500	1000	1500	2000	2500	3000	3500	4000
.5	408 **11**	834 **5**						
1	424 **28**	856 **22**	1285 **14**	1713 **8**				
2	447 **62**	908 **55**	1359 **46**	1796 **38**	2221 **29**	2646 **24**	3063 **15**	3494 **15**
3	444 **95**	911 **88**	1370 **79**	1824 **70**	2278 **60**	2732 **51**	3181 **42**	3621 **37**
4	443 **130**	919 **120**	1389 **111**	1853 **102**	2312 **92**	2763 **81**	3207 **73**	3649 **66**
5	437 **163**	919 **153**	1395 **143**	1866 **134**	2332 **123**	2794 **113**	3249 **103**	3694 **97**
7	424 **232**	911 **219**	1398 **209**	1878 **197**	2352 **186**	2822 **176**	3285 **165**	3742 **157**
9	405 **299**	898 **286**	1389 **274**	1874 **262**	2354 **249**	2829 **238**	3299 **228**	3767 **218**
12	370 **401**	861 **386**	1358 **372**	1851 **358**	2337 **345**	2818 **332**	3294 **321**	3767 **309**
15	328 **503**	819 **485**	1314 **468**	1813 **454**	2304 **440**	2788 **428**	3270 **414**	3749 **400**
20	380 **672**	731 **636**	1230 **633**	1727 **616**	2220 **601**	2715 **584**	3204 **569**	3687 **554**

TORQUE (LB IN) 2715
SPEED (RPM) 584

TGK 0140

141 cm³ / rev (8.6 in³ / rev)

PRESSURE (PSID)

Flow (GPM)	500	1000	1500	2000	2500	3000	3500	4000
.5	519 **9**	1060 **4**						
1	540 **22**	1090 **17**	1635 **11**	2180 **6**				
2	569 **49**	1156 **43**	1730 **36**	2286 **30**	2827 **23**	3368 **19**	3899 **12**	4447 **12**
3	565 **75**	1159 **69**	1744 **62**	2321 **55**	2899 **47**	3477 **40**	4048 **33**	4608 **29**
4	564 **102**	1170 **94**	1768 **87**	2358 **80**	2943 **72**	3517 **64**	4082 **57**	4644 **52**
5	556 **128**	1170 **120**	1776 **112**	2375 **105**	2968 **97**	3556 **89**	4135 **81**	4701 **76**
7	540 **182**	1160 **172**	1779 **164**	2390 **155**	2994 **146**	3592 **138**	4181 **130**	4763 **123**
9	515 **235**	1143 **225**	1768 **215**	2385 **206**	2996 **196**	3601 **187**	4199 **179**	4794 **171**
12	471 **315**	1096 **303**	1729 **292**	2356 **281**	2974 **271**	3587 **261**	4193 **252**	4794 **243**
15	418 **395**	1042 **381**	1673 **368**	2307 **357**	2933 **346**	3549 **336**	4163 **325**	4771 **314**
20	299 **528**	931 **512**	1565 **497**	2198 **484**	2825 **472**	3455 **459**	4078 **447**	4692 **435**
25	173 **660**	794 **643**	1426 **626**	2059 **612**	2695 **598**	3332 **583**	3961 **569**	4579 **555**

Cont. Int.

Intermittent operation rating applies to 10% of every minute.

Fonctionnement interm. 10% max. de chaque minute d`utilisation.

Performance data based on testing using 10W40 oil with a viscosity of 200 SUS at 54° C (130° F.). Performance data is typical. Actual data may vary slightly from one production motor to another.

Les donnees sur les performances sont basees sur des tests utilisant de l'huile 10W40 d'une viscosite de 200 SUS a 54°C (130°F). Ces donnees correspondent a des situations typiques. Les donnees reelles peuvent varier legerement d'un moteur de production a l'autre.

Intermittierende Werte maximal 10% von jeder Betriebsminute.

Capacidad de funcionamiento intermitente valida para 10% por cada minuto.

Leistungsdaten sind gemessen mit SAE 10W40 bei einer Viskositaet von 43,1 Cst bei 54ºC. Geringfuegige Abweichungen von den Katalogdaten sind moeglich.

Datos tecnicos obtenidos con aceite 10W40 de 200 SUS de viscosidad a 54°C (130°F). Los datos proporcionados son valores tipcos. Los valores exactos reales podrian tener una pequena variacion entre distintos motores.

TGK 0170

169 cm³ / rev (10.3 in³ / rev)

PRESSURE (PSID)

Flow (GPM)	500	1000	1500	2000	2500	3000	3500	4000
.5	620 **9**	1284 **7**	1945 **5**	2613 **4**	3293 **3**	3983 **2**		
1	652 **20**	1337 **18**	2006 **16**	2683 **14**	3375 **12**	4063 **11**	4744 **8**	5402 **8**
2	678 **42**	1390 **40**	2105 **37**	2822 **35**	3535 **32**	4226 **30**	4909 **27**	5587 **25**
3	678 **64**	1397 **61**	2117 **58**	2836 **56**	3554 **53**	4263 **50**	4963 **46**	5652 **44**
4	679 **86**	1409 **83**	2142 **80**	2872 **77**	3596 **74**	4310 **71**	5021 **67**	5716 **64**
5	675 **108**	1413 **104**	2150 **101**	2885 **98**	3616 **94**	4339 **91**	5057 **87**	5761 **83**
7	661 **153**	1405 **148**	2152 **143**	2900 **140**	3642 **136**	4374 **132**	5101 **127**	5818 **123**
9	632 **197**	1385 **191**	2140 **186**	2891 **181**	3638 **177**	4380 **173**	5114 **168**	5838 **163**
12	583 **263**	1334 **256**	2096 **250**	2860 **244**	3617 **239**	4362 **234**	5101 **228**	5823 **223**
15	524 **330**	1275 **322**	2035 **314**	2804 **308**	3572 **302**	4327 **296**	5070 **289**	5801 **283**
20	382 **442**	1143 **432**	1908 **422**	2683 **413**	3455 **406**	4216 **399**	4972 **391**	5714 **383**
25	239 **554**	983 **543**	1747 **531**	2523 **520**	3299 **511**	4071 **501**	4839 **492**	5591 **483**

Flow (GPM)

TORQUE (LB IN) 4839
SPEED (RPM) 492

TGK 0195

195 cm³ / rev (11.9 in³ / rev)

PRESSURE (PSID)

Flow (GPM)	500	1000	1500	2000	2500	3000	3500	4000
.5	733 **7**	1503 **3**						
1	761 **16**	1546 **13**	2326 **8**	3104 **3**				
2	799 **35**	1638 **32**	2465 **27**	3270 **21**	4046 **16**	4813 **11**	5589 **7**	6375 **6**
3	794 **55**	1639 **50**	2476 **45**	3303 **39**	4132 **34**	4970 **28**	5792 **23**	6595 **19**
4	794 **74**	1654 **69**	2509 **64**	3356 **58**	4196 **52**	5023 **46**	5830 **40**	6635 **35**
5	783 **93**	1653 **88**	2517 **83**	3375 **76**	4224 **70**	5065 **64**	5895 **58**	6710 **52**
7	762 **131**	1637 **126**	2514 **120**	3384 **113**	4245 **106**	5098 **99**	5940 **92**	6772 **86**
9	731 **170**	1616 **164**	2499 **157**	3373 **150**	4239 **142**	5093 **135**	5936 **127**	6774 **120**
12	677 **228**	1562 **221**	2455 **213**	3343 **205**	4217 **196**	5081 **188**	5934 **179**	6776 **172**
15	613 **285**	1498 **278**	2389 **269**	3283 **260**	4169 **251**	5040 **242**	5907 **232**	6765 **233**
20	448 **381**	1350 **373**	2245 **363**	3141 **353**	4031 **342**	4919 **331**	5798 **321**	6663 **310**
25	334 **477**	1158 **468**	2044 **457**	2941 **445**	3837 **433**	4729 **421**	5612 **409**	6500 **397**

Flow (GPM)

■ Cont. □ Int.

Intermittent operation rating applies to 10% of every minute.

Fonctionnement interm. 10% max. de chaque minute d`utilisation.

Performance data based on testing using 10W40 oil with a viscosity of 200 SUS at 54° C (130° F.). Performance data is typical. Actual data may vary slightly from one production motor to another.

Les donnees sur les performances sont basees sur des tests utilisant de l'huile 10W40 d'une viscosite de 200 SUS a 54°C (130°F). Ces donnees correspondent a des situations typiques. Les donnees reelles peuvent varier legerement d'un moteur de production a l'autre.

Intermittierende Werte maximal 10% von jeder Betriebsminute.

Capacidad de funcionamiento intermitente valida para 10% por cada minuto.

Leistungsdaten sind gemessen mit SAE 10W40 bei einer Viskositaet von 43,1 Cst bei 54ºC. Geringfuegige Abweichungen von den Katalogdaten sind moeglich.

Datos tecnicos obtenidos con aceite 10W40 de 200 SUS de viscosidad a 54°C (130°F). Los datos proporcionados son valores tipcos. Los valores exactos reales podrian tener una pequena variacion entre distintos motores.

TGK 0240

238 cm³ / rev (14.5 in³ / rev)

PRESSURE (PSID)

Flow (GPM)	500	1000	1500	2000	2500	3000	3500	4000
.5	932 **6**	1907 **4**	2894 **2**					
1	960 **14**	1954 **12**	2950 **9**	3943 **6**	4939 **3**	5930 **2**		
2	988 **30**	2031 **27**	3065 **24**	4090 **20**	5107 **17**	6100 **14**	7068 **11**	8037 **9**
3	983 **45**	2029 **42**	3071 **39**	4101 **35**	5128 **31**	6161 **27**	7182 **23**	8184 **20**
4	978 **61**	2037 **58**	3090 **54**	4136 **49**	5176 **45**	6207 **42**	7230 **37**	8234 **33**
5	962 **77**	2030 **73**	3092 **69**	4144 **64**	5190 **60**	6231 **56**	7259 **51**	8271 **47**
7	933 **108**	2005 **104**	3078 **99**	4141 **94**	5194 **89**	6239 **84**	7275 **78**	8298 **73**
9	890 **140**	1972 **135**	3048 **129**	4112 **123**	5169 **117**	6213 **112**	7245 **106**	8271 **100**
12	832 **187**	1912 **181**	2996 **175**	4071 **167**	5125 **161**	6163 **154**	7195 **147**	8224 **140**
15	753 **235**	1832 **228**	2921 **220**	4009 **212**	5081 **204**	6137 **196**	7182 **188**	8212 **180**
20	559 **314**	1654 **306**	2744 **297**	3834 **287**	4917 **278**	5991 **268**	7045 **258**	8081 **248**
25	524 **393**	1427 **384**	2507 **373**	3595 **363**	4690 **352**	5780 **340**	6853 **328**	7913 **317**

TORQUE (LB IN) 5780
SPEED (RPM) 340

TGK 0280

280 cm³ / rev (17.1 in³ / rev)

PRESSURE (PSID)

Flow (GPM)	500	1000	1500	2000	2500	3000	3500	4000
.5	1056 **5**	2177 **4**	3323 **2**	4512 **1**				
1	1087 **12**	2223 **10**	3378 **8**	4552 **6**	5734 **5**	6930 **3**	8135 **3**	9350 **2**
2	1124 **25**	2313 **23**	3513 **21**	4700 **18**	5880 **16**	7060 **14**	8239 **12**	9400 **11**
3	1124 **39**	2323 **36**	3532 **34**	4740 **31**	5940 **28**	7143 **25**	8346 **22**	9536 **19**
4	1126 **52**	2346 **49**	3568 **47**	4786 **43**	6004 **40**	7214 **37**	8415 **33**	9596 **30**
5	1115 **65**	2350 **62**	3582 **59**	4816 **56**	6044 **52**	7256 **49**	8457 **45**	9641 **41**
7	1091 **92**	2338 **88**	3586 **85**	4832 **80**	6072 **76**	7301 **72**	8515 **67**	9706 **63**
9	1046 **118**	2309 **114**	3564 **110**	4811 **105**	6051 **101**	7280 **96**	8499 **90**	9707 **85**
12	981 **159**	2242 **154**	3506 **148**	4757 **143**	5992 **137**	7221 **132**	8444 **125**	9652 **118**
15	898 **199**	2164 **193**	3437 **186**	4702 **180**	5951 **174**	7187 **168**	8416 **160**	9625 **152**
20	691 **266**	1976 **258**	3255 **250**	4529 **243**	5795 **235**	7044 **227**	8275 **218**	9499 **209**
25	703 **334**	1726 **324**	2987 **314**	4260 **305**	5540 **296**	6815 **286**	8071 **276**	9311 **267**

Flow (GPM)

■ Cont. □ Int.

Intermittent operation rating applies to 10% of every minute.

Fonctionnement interm. 10% max. de chaque minute d`utilisation.

Performance data based on testing using 10W40 oil with a viscosity of 200 SUS at 54° C (130° F.). Performance data is typical. Actual data may vary slightly from one production motor to another.

Les donnees sur les performances sont basees sur des tests utilisant de l'huile 10W40 d'une viscosite de 200 SUS a 54°C (130°F). Ces donnees correspondent a des situations typiques. Les donnees reelles peuvent varier legerement d'un moteur de production a l'autre.

Intermittierende Werte maximal 10% von jeder Betriebsminute.

Capacidad de funcionamiento intermitente valida para 10% por cada minuto.

Leistungsdaten sind gemessen mit SAE 10W40 bei einer Viskositaet von 43,1 Cst bei 54ºC. Geringfuegige Abweichungen von den Katalogdaten sind moeglich.

Datos tecnicos obtenidos con aceite 10W40 de 200 SUS de viscosidad a 54°C (130°F). Los datos proporcionados son valores tipcos. Los valores exactos reales podrian tener una pequena variacion entre distintos motores.

TGK 0310

310 cm³ / rev (18.9 in³ / rev)

PRESSURE (PSID)

Flow (GPM)	500	1000	1500	2000	2500	3000	3500	4000
.5	1188 **4**	2464 **3**	3766 **2**	5102 **1**				
1	1220 **11**	2508 **9**	3812 **7**	5145 **5**	6477 **4**	7822 **2**	9181 **2**	10530 **1**
2	1259 **23**	2598 **21**	3950 **19**	5298 **17**	6642 **14**	7972 **13**	9282 **10**	10574 **9**
3	1257 **35**	2606 **33**	3889 **30**	5332 **28**	6688 **25**	8044 **22**	9392 **19**	10693 **16**
4	1259 **47**	2628 **44**	4003 **42**	5377 **39**	6749 **36**	8114 **33**	9461 **29**	10780 **26**
5	1247 **59**	2629 **56**	4252 **52**	5401 **50**	6782 **47**	8149 **42**	9499 **39**	10823 **35**
7	1218 **84**	2614 **80**	4013 **76**	5413 **72**	6806 **68**	8184 **64**	9543 **60**	10874 **56**
9	1167 **107**	2574 **103**	3983 **99**	5386 **94**	6780 **90**	8162 **85**	9529 **80**	10877 **75**
12	1089 **143**	2493 **139**	3904 **133**	5308 **128**	6696 **122**	8075 **117**	9443 **110**	10793 **102**
15	995 **180**	2400 **173**	3817 **167**	5225 **160**	6621 **154**	8003 **148**	9371 **140**	10718 **131**
20	769 **241**	2194 **234**	3618 **225**	5043 **218**	6462 **210**	7863 **203**	9238 **194**	10588 **183**
25	626 **303**	1955 **294**	3359 **284**	4771 **274**	6251 **265**	7608 **256**	8998 **246**	10360 **236**

TORQUE (LB IN) 7608
SPEED (RPM) 256

TGK 0335

337 cm³ / rev (20.6 in³ / rev)

PRESSURE (PSID)

Flow (GPM)	500	1000	1500	2000	2500	3000	3500	4000
.5	1297 **4**	2699 **3**	4128 **1**	5584 **1**				
1	1329 **10**	2741 **8**	4176 **7**	5630 **5**	7084 **4**	8551 **2**	10036 **2**	11496 **1**
2	1369 **21**	2832 **19**	4308 **17**	5787 **15**	7265 **13**	8718 **11**	10136 **9**	11534 **8**
3	1366 **32**	2838 **30**	4326 **27**	5817 **25**	7301 **22**	8781 **20**	10248 **17**	11685 **14**
4	1368 **43**	2858 **40**	4358 **38**	5861 **35**	7358 **32**	8850 **29**	10317 **25**	11748 **22**
5	1355 **54**	2858 **51**	4368 **48**	5880 **45**	7386 **42**	8880 **38**	10352 **34**	11791 **30**
7	1323 **76**	2840 **73**	4363 **69**	5888 **65**	7407 **61**	8908 **57**	10384 **53**	11829 **47**
9	1266 **98**	2791 **94**	4326 **90**	5856 **85**	7376 **81**	8884 **76**	10372 **71**	11834 **64**
12	1177 **131**	2698 **127**	4230 **121**	5759 **116**	7273 **110**	8773 **105**	10261 **98**	11726 **90**
15	1075 **165**	2594 **159**	4127 **153**	5654 **146**	7170 **140**	8670 **134**	10153 **126**	11613 **116**
20	833 **221**	2372 **214**	3915 **205**	5463 **197**	7008 **189**	8533 **182**	10026 **173**	11479 **161**
25	678 **277**	2142 **269**	3663 **259**	5189 **248**	6726 **239**	8257 **230**	9757 **219**	11219 **209**

Cont. Int.

Intermittent operation rating applies to 10% of every minute.

Fonctionnement interm. 10% max. de chaque minute d`utilisation.

Performance data based on testing using 10W40 oil with a viscosity of 200 SUS at 54° C (130° F.). Performance data is typical. Actual data may vary slightly from one production motor to another.

Les donnees sur les performances sont basees sur des tests utilisant de l'huile 10W40 d'une viscosite de 200 SUS a 54°C (130°F). Ces donnees correspondent a des situations typiques. Les donnees reelles peuvent varier legerement d'un moteur de production a l'autre.

Intermittierende Werte maximal 10% von jeder Betriebsminute.

Capacidad de funcionamiento intermitente valida para 10% por cada minuto.

Leistungsdaten sind gemessen mit SAE 10W40 bei einer Viskositaet von 43,1 Cst bei 54ºC. Geringfuegige Abweichungen von den Katalogdaten sind moeglich.

Datos tecnicos obtenidos con aceite 10W40 de 200 SUS de viscosidad a 54°C (130°F). Los datos proporcionados son valores tipcos. Los valores exactos reales podrian tener una pequena variacion entre distintos motores.

TGK 0360

360 cm³ / rev (22.2 in³ / rev)

PRESSURE (PSID)

Flow (GPM)	500	1000	1500	2000	2500	3000	3500	4000
.5	1386 **4**	2883 **3**	4410 **1**	5965 **1**				
1	1420 **9**	2928 **7**	4461 **7**	6014 **5**	7567 **4**	9135 **2**	10721 **2**	12281 **1**
2	1462 **20**	3025 **18**	4602 **16**	6182 **14**	7761 **12**	9313 **10**	10828 **8**	12321 **7**
3	1459 **30**	3031 **28**	4621 **25**	6214 **23**	7799 **21**	9380 **19**	10947 **16**	12482 **13**
4	1461 **40**	3053 **37**	4655 **36**	6261 **33**	7884 **30**	9454 **27**	11021 **23**	12550 **21**
5	1447 **51**	3053 **48**	4666 **45**	6281 **42**	7890 **39**	9486 **36**	11059 **32**	12596 **28**
7	1413 **71**	3034 **68**	4661 **65**	6290 **61**	7913 **57**	9516 **53**	11093 **50**	12636 **44**
9	1352 **92**	2981 **88**	4621 **84**	6256 **80**	7879 **76**	9490 **71**	11080 **66**	12642 **60**
12	1257 **123**	2882 **119**	4519 **113**	6152 **109**	7769 **103**	9372 **98**	10961 **92**	12526 **84**
15	1148 **154**	2771 **149**	4409 **143**	6040 **137**	7659 **131**	9262 **125**	10846 **118**	12406 **109**
20	890 **207**	2534 **200**	4182 **192**	5836 **184**	7486 **177**	9115 **170**	10710 **162**	12262 **151**
25	724 **259**	2288 **252**	3913 **242**	5543 **232**	7185 **224**	8821 **215**	10423 **205**	11985 **196**

TORQUE (LB IN) 8821
SPEED (RPM) 215

TGK 0405

405 cm³ / rev (24.7 in³ / rev)

PRESSURE (PSID)

Flow (GPM)	500	1000	1500	2000	2500	3000	3500	4000
.5	1544 **4**	3178 **3**	4840 **2**	6515 **1**	8185 **1**			
1	1593 **8**	3256 **7**	4928 **6**	6607 **6**	8303 **5**	9987 **4**	11652 **3**	
2	1636 **17**	3351 **16**	5084 **15**	6817 **14**	8550 **13**	10272 **12**	11978 **11**	13575 **10**
3	1637 **27**	3365 **25**	5106 **23**	6847 **22**	8588 **21**	10314 **19**	12031 **18**	13674 **16**
4	1645 **36**	3394 **34**	5159 **32**	6920 **30**	8668 **29**	10402 **27**	12130 **26**	13858 **24**
5	1640 **45**	3408 **43**	5201 **41**	6983 **39**	8733 **37**	10466 **35**	12194 **33**	13989 **31**
7	1606 **64**	3396 **61**	5211 **59**	7003 **56**	8772 **54**	10527 **51**	12271 **49**	14306 **46**
9	1551 **82**	3350 **80**	5176 **77**	6981 **73**	8763 **70**	10519 **67**	12269 **64**	14077 **61**
12	1428 **110**	3238 **107**	5075 **103**	6888 **99**	8670 **95**	10424 **91**	12172 **88**	14015 **84**
15	1310 **138**	3112 **135**	4948 **130**	6759 **125**	8545 **120**	10306 **115**	12060 **111**	13910 **106**
20	1136 **185**	2862 **181**	4692 **175**	6518 **168**	8336 **162**	10122 **156**	11877 **151**	13717 **145**
25			4492 **219**	6303 **212**	8084 **204**	9848 **197**	11585 **190**	13408 **184**

■ Cont. □ Int.

Intermittent operation rating applies to 10% of every minute.

Fonctionnement interm. 10% max. de chaque minute d`utilisation.

Performance data based on testing using 10W40 oil with a viscosity of 200 SUS at 54° C (130° F.). Performance data is typical. Actual data may vary slightly from one production motor to another.

Les donnees sur les performances sont basees sur des tests utilisant de l'huile 10W40 d'une viscosite de 200 SUS a 54°C (130°F). Ces donnees correspondent a des situations typiques. Les donnees reelles peuvent varier legerement d'un moteur de production a l'autre.

Intermittierende Werte maximal 10% von jeder Betriebsminute.

Capacidad de funcionamiento intermitente valida para 10% por cada minuto.

Leistungsdaten sind gemessen mit SAE 10W40 bei einer Viskositaet von 43,1 Cst bei 54ºC. Geringfuegige Abweichungen von den Katalogdaten sind moeglich.

Datos tecnicos obtenidos con aceite 10W40 de 200 SUS de viscosidad a 54°C (130°F). Los datos proporcionados son valores tipcos. Los valores exactos reales podrian tener una pequena variacion entre distintos motores.

TGK 0475

477 cm³ / rev (29.1 in³ / rev)

PRESSURE (PSID)

Flow (GPM)	500	1000	1500	2000	2500	3000	3500	4000
.5	1768 **3**	3732 **3**	5733 **2**	7744 **1**	9762 **1**			
1	1868 **7**	3878 **7**	5879 **6**	7851 **5**	9838 **4**	11830 **3**		
2	1964 **15**	4055 **14**	6180 **14**	8237 **12**	10241 **10**	12136 **8**	14283 **5**	16325 **2**
3	1972 **23**	4074 **22**	6208 **21**	8321 **19**	10379 **17**	12355 **13**	14513 **9**	16597 **4**
4	2005 **31**	4135 **30**	6287 **29**	8382 **27**	10463 **24**	12496 **20**	14648 **15**	16749 **9**
5	2004 **39**	4129 **38**	6304 **37**	8428 **34**	10514 **31**	12544 **26**	14719 **20**	16832 **13**
7	1990 **55**	4133 **54**	6308 **52**	8445 **50**	10555 **45**	12602 **40**	14795 **32**	16913 **23**
9	1924 **70**	4104 **69**	6285 **68**	8430 **65**	10528 **60**	12608 **54**	14797 **45**	16935 **35**
12	1775 **94**	3974 **93**	6157 **91**	8328 **87**	10446 **82**	12528 **75**	14736 **65**	16890 **54**
15	1619 **118**	3784 **116**	5990 **114**	8188 **110**	10311 **104**	12372 **96**	14598 **85**	16757 **72**
20	1314 **157**	3373 **156**	5629 **153**	7853 **149**	10038 **141**	12145 **132**	14363 **119**	16545 **102**
25	1141 **197**	3029 **196**	5220 **193**	7427 **189**	9629 **182**	11757 **174**	13876 **163**	16021 **151**
30	606 **237**	2505 **236**	4649 **233**	6766 **230**	8878 **224**	10989 **219**	13047 **212**	15138 **204**

TORQUE (LB IN) 6766
SPEED (RPM) 230

TGK 0530

528 cm³ / rev (32.2 in³ / rev)

PRESSURE (PSID)

Flow (GPM)	500	1000	1500	2000	2500	3000	3250	3750
.5	2080 **3**	4256 **3**	6479 **2**	8726 **2**	11012 **1**			
1	2158 **7**	4372 **6**	6592 **6**	8779 **5**	10994 **4**			
2	2246 **14**	4567 **13**	6869 **12**	9126 **11**	11376 **9**			
3	2242 **21**	4578 **20**	6916 **19**	9237 **17**	11500 **14**	13847 **12**	15006 **10**	17323 **7**
4	2253 **28**	4625 **27**	6977 **25**	9296 **23**	11586 **20**	13949 **17**	15115 **15**	17449 **11**
5	2235 **35**	4629 **34**	7002 **32**	9333 **29**	11626 **26**	14011 **22**	15185 **20**	17534 **15**
7	2182 **49**	4599 **48**	7006 **46**	9362 **42**	11659 **38**	14077 **33**	15263 **30**	17634 **23**
9	2095 **63**	4535 **62**	6960 **59**	9330 **55**	11650 **50**	14086 **43**	15281 **39**	17671 **30**
12	1943 **85**	4390 **83**	6825 **80**	9217 **75**	11549 **69**	13997 **62**	15198 **57**	17602 **46**
15	1753 **106**	4199 **104**	6638 **100**	9052 **95**	11408 **87**	13859 **79**	15067 **74**	17483 **63**
20	1327 **141**	3783 **139**	6262 **135**	8701 **129**	11086 **120**	13563 **110**	14784 **104**	17228 **90**
25	1011 **177**	3300 **175**	5751 **171**	8210 **165**	10639 **158**	13032 **149**	14240 **144**	16656 **132**
30	269 **213**	2698 **211**	5083 **208**	7415 **203**	9814 **197**	12198 **188**	13388 **183**	15769 **173**

■ Cont. □ Int.

Intermittent operation rating applies to 10% of every minute.

Fonctionnement interm. 10% max. de chaque minute d`utilisation.

Performance data based on testing using 10W40 oil with a viscosity of 200 SUS at 54° C (130° F.). Performance data is typical. Actual data may vary slightly from one production motor to another.

Les donnees sur les performances sont basees sur des tests utilisant de l'huile 10W40 d'une viscosite de 200 SUS a 54°C (130°F). Ces donnees correspondent a des situations typiques. Les donnees reelles peuvent varier legerement d'un moteur de production a l'autre.

Intermittierende Werte maximal 10% von jeder Betriebsminute.

Capacidad de funcionamiento intermitente valida para 10% por cada minuto.

Leistungsdaten sind gemessen mit SAE 10W40 bei einer Viskositaet von 43,1 Cst bei 54ºC. Geringfuegige Abweichungen von den Katalogdaten sind moeglich.

Datos tecnicos obtenidos con aceite 10W40 de 200 SUS de viscosidad a 54°C (130°F). Los datos proporcionados son valores tipcos. Los valores exactos reales podrian tener una pequena variacion entre distintos motores.

TGK 0625

623 cm³ / rev (38.0 in³ / rev)

PRESSURE (PSID)

Flow (GPM)	500	1000	1500	1750	2000	2500	2750	3250
.5	1939 **2**	4593 **1**						
1	2087 **5**	4665 **3**	7283 **2**	8680 **2**				
2	2338 **11**	4991 **9**	7590 **8**	8853 **7**				
3	2386 **17**	5101 **15**	7753 **13**	9055 **12**	10383 **11**	13039 **7**	14367 **5**	17022 **1**
4	2457 **23**	5202 **21**	7872 **19**	9174 **17**	10487 **15**	13147 **11**	14477 **9**	17137 **4**
5	2479 **29**	5246 **27**	7943 **25**	9242 **23**	10551 **21**	13221 **15**	14557 **12**	17227 **5**
7	2464 **41**	5273 **39**	7995 **36**	9306 **34**	10605 **31**	13292 **24**	14636 **20**	17324 **11**
9	2401 **53**	5223 **51**	7993 **48**	9337 **45**	10653 **42**	13382 **36**	14747 **33**	17476 **26**
12	2254 **71**	5092 **69**	7886 **65**	9239 **62**	10585 **58**	13345 **49**	14725 **44**	17484 **33**
15	2052 **89**	4901 **87**	7721 **83**	9086 **80**	10439 **75**	13219 **64**	14608 **57**	17387 **42**
20	1600 **120**	4490 **117**	7334 **112**	8725 **109**	10088 **104**	12900 **92**	14305 **86**	17117 **72**
25	1063 **151**	3933 **148**	6818 **144**	8235 **140**	9634 **136**	12484 **125**	13909 **118**	16758 **103**
30	359 **182**	3250 **180**	6074 **176**	7443 **172**	8830 **168**	11636 **162**	13039 **158**	15845 **151**

TORQUE (LB IN) 7443
SPEED (RPM) 172

TGK 0785

786 cm³ / rev (48.0 in³ / rev)

PRESSURE (PSID)

Flow (GPM)	500	1000	1500	2000	2200	2700
.5	2910 **2**	6153 **2**	9607 **1**	12950 **1**		
1	3011 **4**	6296 **4**	9670 **3**	12919 **3**		
2	3217 **9**	6536 **8**	9935 **7**	13060 **6**		
3	3220 **14**	6613 **13**	9977 **11**	13079 **9**	14481 **8**	17775 **5**
4	3265 **19**	6679 **17**	10021 **15**	13078 **13**	14489 **12**	17767 **9**
5	3263 **23**	6703 **22**	10047 **19**	13103 **16**	14523 **15**	17810 **12**
7	3218 **33**	6722 **31**	10068 **28**	13062 **24**	14514 **22**	17802 **17**
9	3107 **43**	6664 **41**	10108 **36**	13185 **31**	14665 **28**	18033 **21**
12	2892 **57**	6489 **55**	9959 **49**	13082 **42**	14573 **38**	17977 **29**
15	2643 **71**	6238 **69**	9733 **62**	12938 **54**	14420 **50**	17858 **41**
20	2044 **95**	5673 **92**	9239 **85**	12636 **75**	14113 **70**	17647 **58**
25	2313 **119**	4976 **117**	8571 **110**	12073 **101**	13490 **97**	17021 **86**
30	496 **143**	4104 **141**	7582 **137**	11024 **130**	12463 **127**	15969 **120**

Flow (GPM)

■ Cont. □ Int.

Intermittent operation rating applies to 10% of every minute.

Fonctionnement interm. 10% max. de chaque minute d`utilisation.

Performance data based on testing using 10W40 oil with a viscosity of 200 SUS at 54° C (130° F.). Performance data is typical. Actual data may vary slightly from one production motor to another.

Les donnees sur les performances sont basees sur des tests utilisant de l'huile 10W40 d'une viscosite de 200 SUS a 54°C (130°F). Ces donnees correspondent a des situations typiques. Les donnees reelles peuvent varier legerement d'un moteur de production a l'autre.

Intermittierende Werte maximal 10% von jeder Betriebsminute.

Capacidad de funcionamiento intermitente valida para 10% por cada minuto.

Leistungsdaten sind gemessen mit SAE 10W40 bei einer Viskositaet von 43,1 Cst bei 54ºC. Geringfuegige Abweichungen von den Katalogdaten sind moeglich.

Datos tecnicos obtenidos con aceite 10W40 de 200 SUS de viscosidad a 54°C (130°F). Los datos proporcionados son valores tipcos. Los valores exactos reales podrian tener una pequena variacion entre distintos motores.

TGK 0960

959 cm³ / rev (58.5 in³ / rev)

PRESSURE (PSID)

Flow (GPM)	500	1000	1500	1800	2300
.5	3692 **2**	7712 **1**	11750 **1**		
1	3788 **3**	7858 **3**	11895 **3**		
2	3900 **7**	8045 **7**	12058 **6**		
3	3905 **11**	8078 **11**	12135 **10**	14623 **9**	18738 **7**
4	3939 **15**	8155 **14**	12210 **13**	14718 **12**	18854 **10**
5	3923 **19**	8173 **18**	12238 **17**	14763 **16**	18921 **14**
7	3860 **27**	8160 **26**	12262 **24**	14816 **22**	19017 **19**
9	3733 **35**	8074 **34**	12224 **31**	14803 **28**	19049 **23**
12	3475 **47**	7848 **45**	12062 **42**	14665 **39**	18958 **33**
15	3149 **58**	7545 **57**	11823 **53**	14445 **50**	18782 **45**
20	2437 **78**	6843 **76**	11227 **72**	13854 **68**	18234 **62**
25	2969 **98**	5990 **96**	10360 **92**	12921 **88**	17226 **80**
30	603 **118**	4919 **117**	9170 **113**	11751 **109**	16034 **102**

TORQUE (LB IN) 9170
SPEED (RPM) 113

■ Cont. □ Int.

Intermittent operation rating applies to 10% of every minute.

Fonctionnement interm. 10% max. de chaque minute d`utilisation.

Performance data based on testing using 10W40 oil with a viscosity of 200 SUS at 54° C (130° F.). Performance data is typical. Actual data may vary slightly from one production motor to another.

Les donnees sur les performances sont basees sur des tests utilisant de l'huile 10W40 d'une viscosite de 200 SUS a 54°C (130°F). Ces donnees correspondent a des situations typiques. Les donnees reelles peuvent varier legerement d'un moteur de production a l'autre.

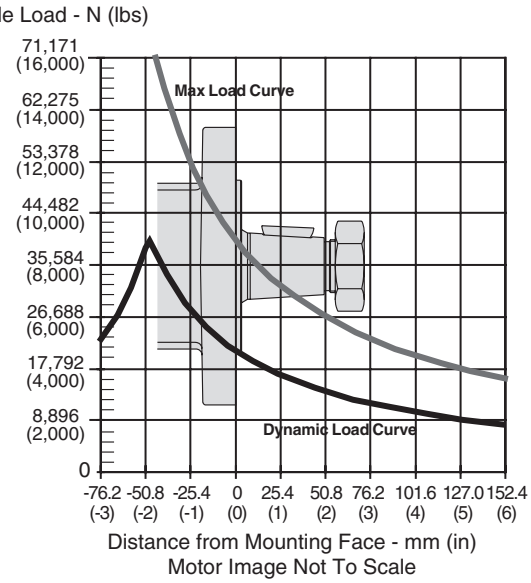
Intermittierende Werte maximal 10% von jeder Betriebsminute.

Capacidad de funcionamiento intermitente valida para 10% por cada minuto.

Leistungsdaten sind gemessen mit SAE 10W40 bei einer Viskositaet von 43,1 Cst bei 54ºC. Geringfuegige Abweichungen von den Katalogdaten sind moeglich.

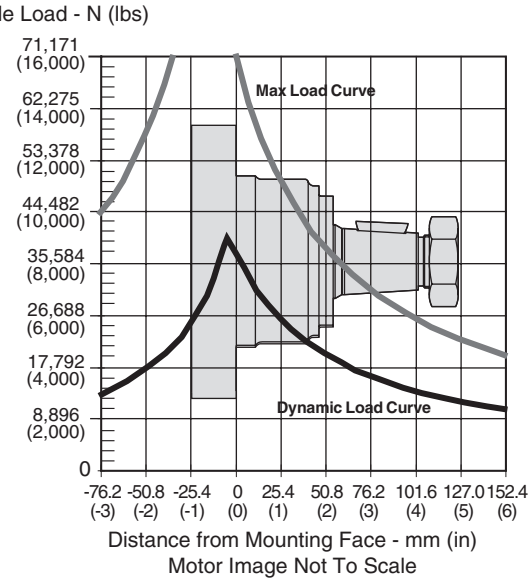
Datos tecnicos obtenidos con aceite 10W40 de 200 SUS de viscosidad a 54°C (130°F). Los datos proporcionados son valores tipcos. Los valores exactos reales podrian tener una pequena variacion entre distintos motores.

Flange Mount / Standardgehäuse
Monture à bride(s) / Montaje de brida



The dynamic side load curve is based on uni-directional steady state loads for L_{10} bearing life at 3 x 10^6 revolutions.
Die zulässige auslegbare radiale Wellenbelastungskurve ist unter ruhenden, einseitig statisch gerichteten Lastverhältnissen auf eine L_{10} Lebensdauer mit 3 x 10^6 Umdrehungen kalkuliert.
La courbe de charge latérale permise se base sur des charges unidirectionnelles en régime permanent pour le roulement L_{10} à 3 x 10^6 révolutions.
La curva de valores admisibles de carga lateral está basada en cargas constantes para cojinetes L_{10} a 3 x 10^6 revoluciones.

Wheel Mount / Radnabengehäuse
Monture à roue/ Montaje de rueda



The maximum load curve is defined by bearing static load capacity. This curve should not be exceeded at any time including shock loads.
Die maximale radiale Wellenbelastungskurve ist definiert als maximale statische Last ohne Drehzahl. Sie gilt als Grenze und sollte keinesfalls überschritten werden.
La courbe de charge maximale est définie par la capacité de charge statique portante. Cette courbe ne devrait être dépassée en aucun moment y compris pour les charges par à-coups.
La curva de carga máxima queda definida por la capacidad de carga estática del cojinete. No se deben superar los valores de esta curva, ni siquiera con cargas provisorias de impacto.

Equation to Calculate the Expected Radial Bearing Life
Gleichung zur Ermittlung der Lagerlebensdauer

Equation to calculate the dynamic bearing life for a given load:
Bestimmung der erlaubten radialen Wellenbelastung mit vorgegebener Last

Use F_a, F_b and S in equation to determine hours of L_{10} bearing life.
Die Lebensdauer in Stunden ergibt sich durch einsetzen von F_a, F_b, und S in die nachstehende Formel.

$$L = \frac{3 \times 10^6}{60 \times S} \left\{ \frac{F_a}{F_b} \right\}^{3.33}$$

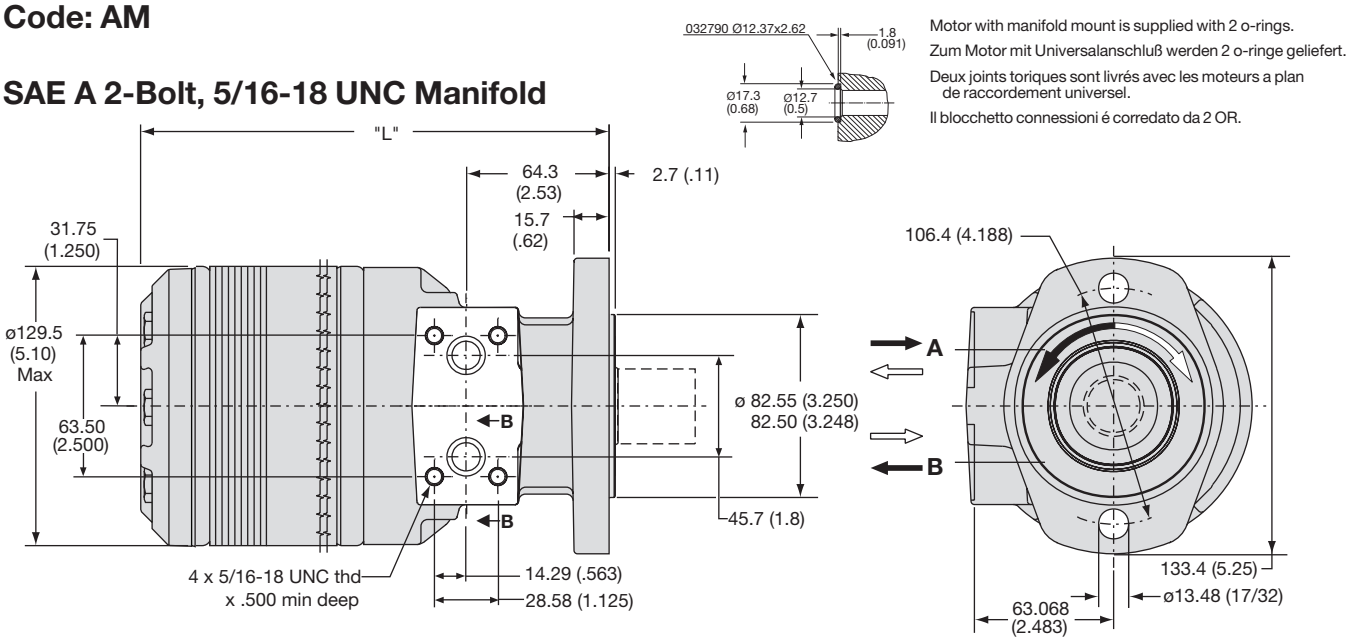
Where / Mit:

S = Shaft Speed RPM / Abtriebswellendrehzahl in min^{-1}
L = Life In Hours / Lebensdauer in Stunden
F_a = Dynamic side load defined by above curve at a distance from mounting flange. / Erlaubte radiale Wellenbelastung als Function der Laenge
F_b = Application side load. / Anwendungsseitige Wellenbelastung

Note: Calculations are based on L_{10} bearing life per ISO 281.
Auslegung basiert auf einer L_{10} Lenbendauer nach ISO 281.

Code: AM

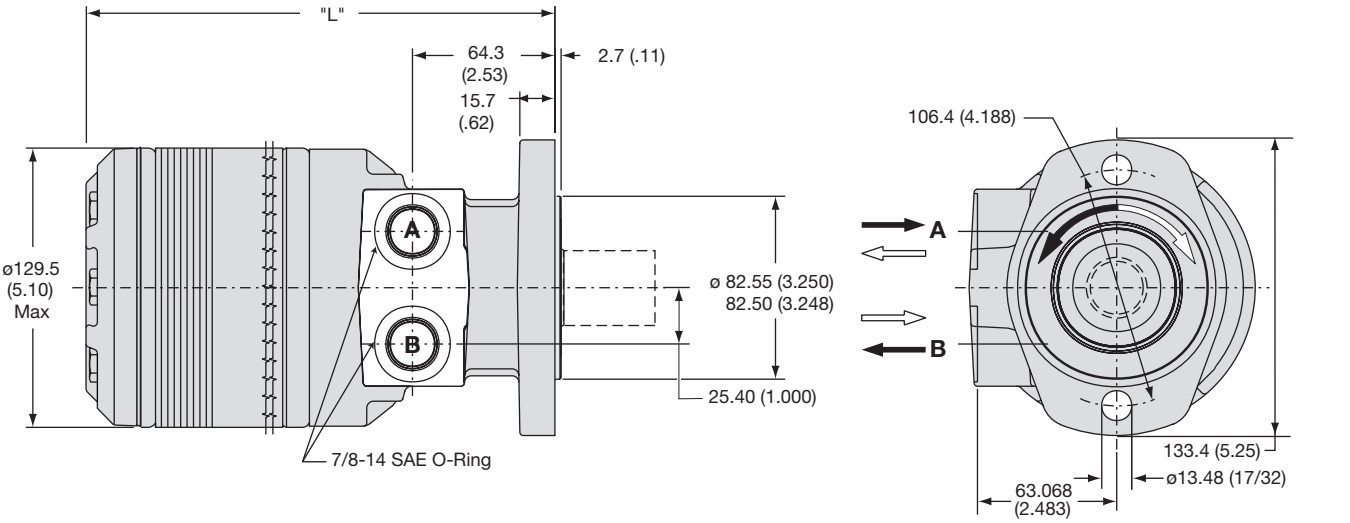
SAE A 2-Bolt, 5/16-18 UNC Manifold



Code AM disp	0110	0140	0170	0195	0240	0280	0310	0335	0360	0405	0475	0530	0625	0785	0960
Weight/Gewicht kg	**13.7**	**14.1**	**14.3**	**14.5**	**14.8**	**15.2**	**15.4**	**15.5**	**15.8**	**16.1**	**16.6**	**17.3**	**18.0**	**19.8**	**20.8**
Poids/Peso (lb)	(30.1)	(31.0)	(31.5)	(32.0)	(32.7)	(33.5)	(33.9)	(34.2)	(34.8)	(35.4)	(36.7)	(38.1)	(39.6)	(43.6)	(45.9)
Length "L" mm	**190.2**	**193.3**	**196.1**	**198.6**	**202.4**	**206.8**	**209.8**	**212.3**	**215.6**	**218.7**	**225.8**	**230.9**	**239.8**	**256.0**	**272.5**
"L" (in)	(7.49)	(7.61)	(7.72)	(7.82)	(7.97)	(8.14)	(8.26)	(8.36)	(8.49)	(8.61)	(8.89)	(9.09)	(9.44)	(10.08)	(10.73)

Code: AS

SAE A 2-Bolt, 7/8-14 SAE

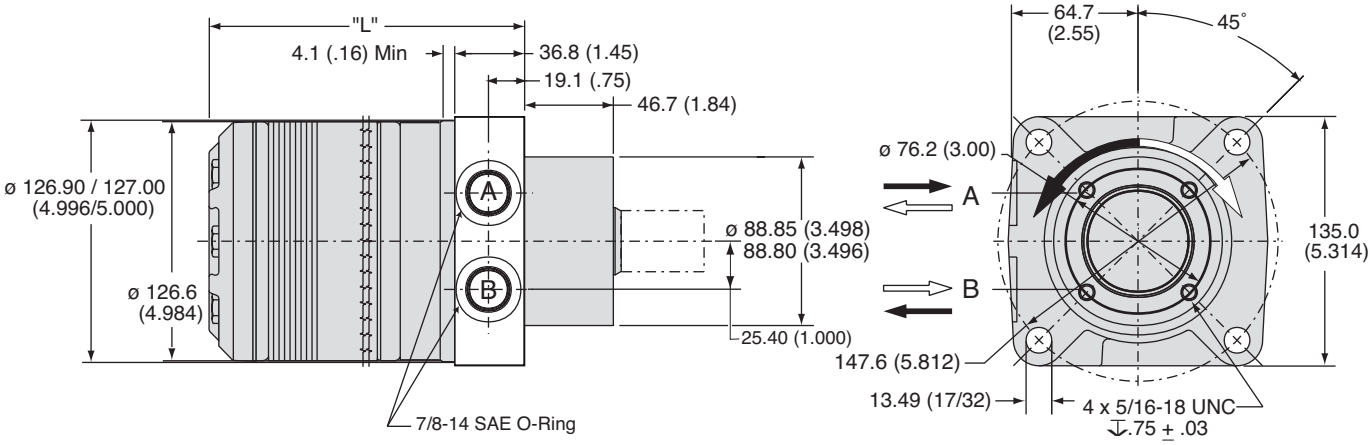


Code AS disp	0110	0140	0170	0195	0240	0280	0310	0335	0360	0405	0475	0530	0625	0785	0960
Weight/Gewicht kg	**13.7**	**14.1**	**14.3**	**14.5**	**14.8**	**15.2**	**15.4**	**15.5**	**15.8**	**16.1**	**16.6**	**17.3**	**18.0**	**19.8**	**20.8**
Poids/Peso (lb)	(30.1)	(31.0)	(31.5)	(32.0)	(32.7)	(33.5)	(33.9)	(34.2)	(34.8)	(35.4)	(36.7)	(38.1)	(39.6)	(43.6)	(45.9)
Length "L" mm	**190.2**	**193.3**	**196.1**	**198.6**	**202.4**	**206.8**	**209.8**	**212.3**	**215.6**	**218.7**	**225.8**	**230.9**	**239.8**	**256.0**	**272.5**
"L" (in)	(7.49)	(7.61)	(7.72)	(7.82)	(7.97)	(8.14)	(8.26)	(8.36)	(8.49)	(8.61)	(8.89)	(9.09)	(9.44)	(10.08)	(10.73)

English equivalents for metric specifications are shown in ( ).

Code: LS

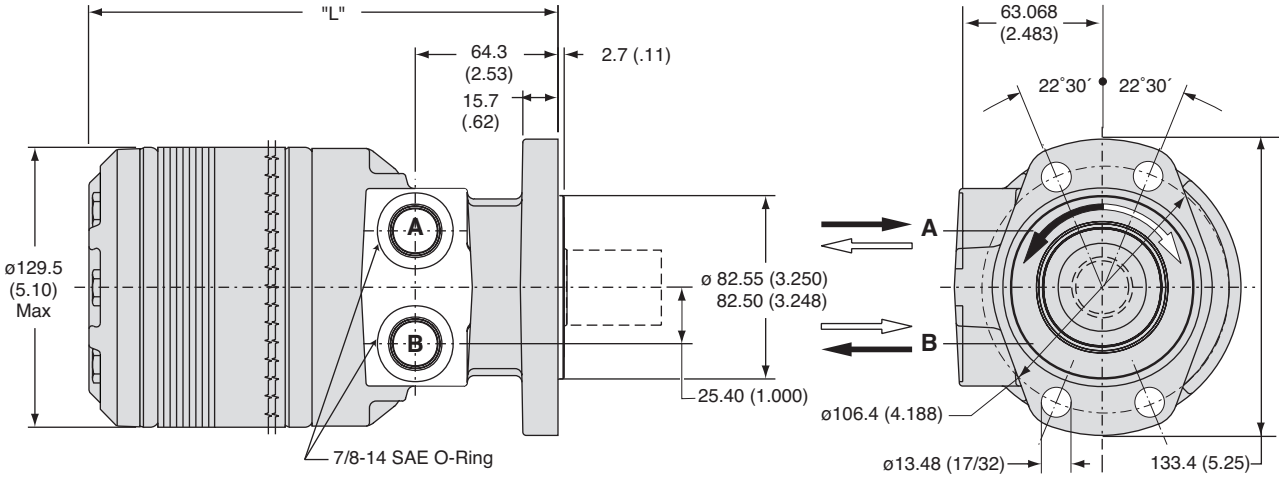
Wheel, Front Brake Nose, 7/8-14 SAE



Code LS disp	0110	0140	0170	0195	0240	0280	0310	0335	0360	0405	0475	0530	0625	0785	0960
Weight/Gewicht kg	**14.0**	**14.4**	**14.6**	**14.9**	**15.2**	**15.6**	**15.7**	**15.8**	**16.1**	**16.4**	**16.5**	**17.6**	**18.3**	**19.7**	**21.1**
Poids/Peso (lb)	(30.9)	(31.8)	(32.2)	(32.8)	(33.5)	(34.3)	(34.7)	(34.9)	(35.4)	(36.2)	(36.4)	(38.9)	(40.3)	(43.4)	(46.6)
Length "L" mm	**145.0**	**148.1**	**150.6**	**153.4**	**157.2**	**161.5**	**164.6**	**167.1**	**170.4**	**173.5**	**180.6**	**185.7**	**194.6**	**210.8**	**227.3**
"L" (in)	(5.71)	(5.83)	(5.93)	(6.04)	(6.19)	(6.36)	(6.48)	(6.58)	(6.71)	(6.83)	(7.11)	(7.31)	(7.66)	(8.30)	(8.95)

Code: MS

Magneto, 7/8-14 SAE

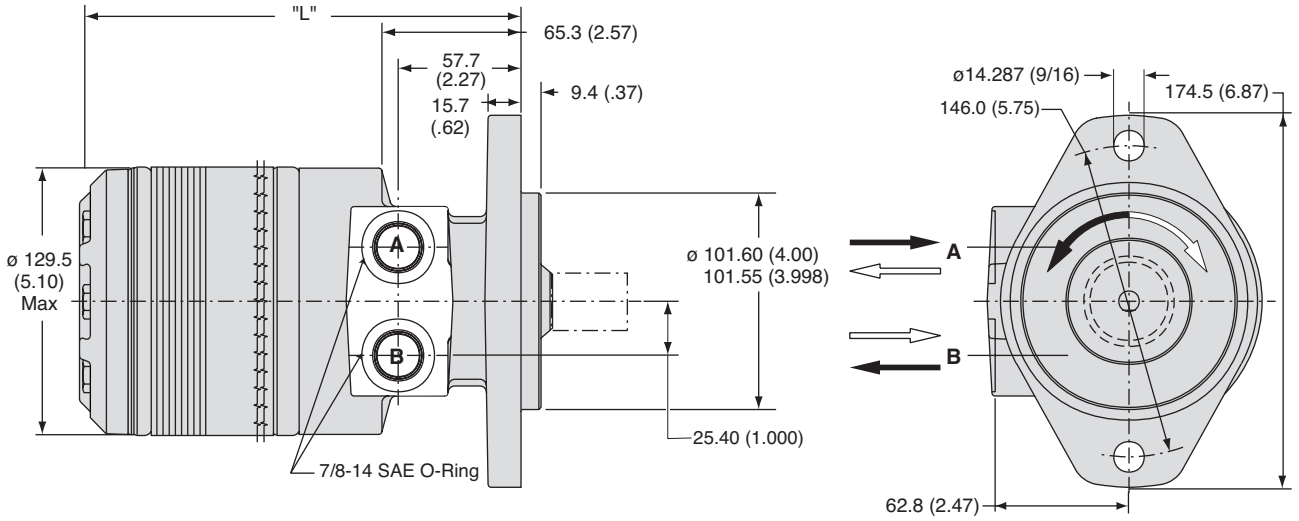


Code MS disp	0110	0140	0170	0195	0240	0280	0310	0335	0360	0405	0475	0530	0625	0785	0960
Weight/Gewicht kg	**13.7**	**14.1**	**14.3**	**14.5**	**14.8**	**15.2**	**15.4**	**15.5**	**15.8**	**16.1**	**16.6**	**17.3**	**18.0**	**19.8**	**20.8**
Poids/Peso (lb)	(30.1)	(31.0)	(31.5)	(32.0)	(32.7)	(33.5)	(33.9)	(34.2)	(34.8)	(35.4)	(36.7)	(38.1)	(39.6)	(43.6)	(45.9)
Length "L" mm	**190.2**	**193.3**	**196.1**	**198.6**	**202.4**	**206.8**	**209.8**	**212.3**	**215.6**	**218.7**	**225.8**	**230.9**	**239.8**	**256.0**	**272.5**
"L" (in)	(7.49)	(7.61)	(7.72)	(7.82)	(7.97)	(8.14)	(8.26)	(8.36)	(8.49)	(8.61)	(8.89)	(9.09)	(9.44)	(10.08)	(10.73)

English equivalents for metric specifications are shown in ( ).

Code: BS

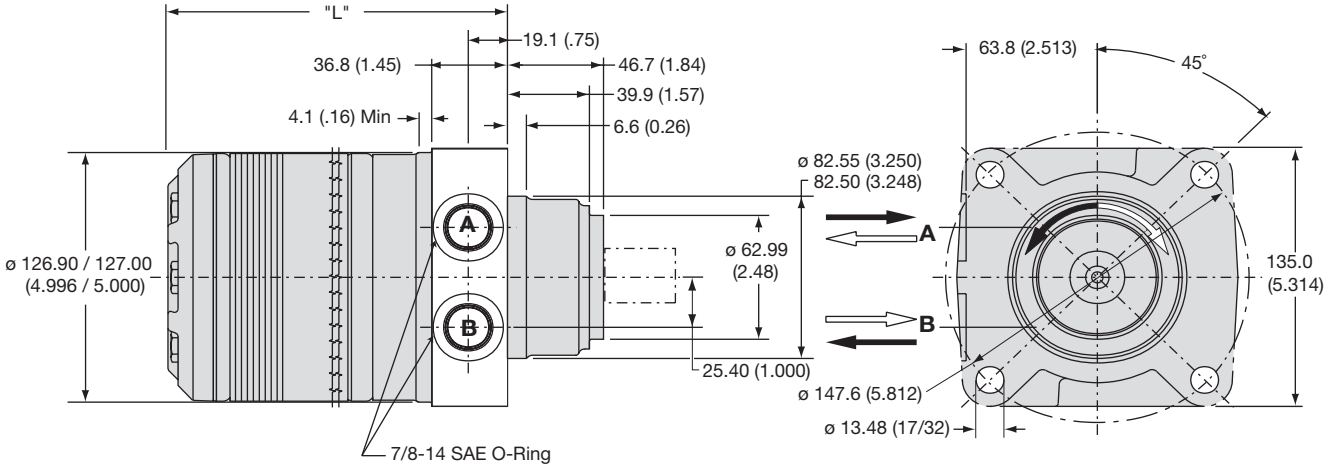
SAE B 2-Bolt, 7/8-14 SAE O-Ring



Code BS disp	0110	0140	0170	0195	0240	0280	0310	0335	0360	0405	0475	0530	0625	0785	0960
Weight/Gewicht kg	**14.3**	**14.7**	**14.9**	**15.1**	**15.5**	**15.8**	**16.0**	**16.1**	**16.4**	**16.7**	**17.3**	**17.9**	**18.6**	**20.0**	**21.5**
Poids/Peso (lb)	(31.5)	(32.4)	(32.9)	(33.4)	(34.1)	(34.9)	(35.3)	(35.6)	(36.2)	(36.8)	(38.1)	(39.5)	(41.0)	(44.0)	(47.3)
Length "L" mm	**190.2**	**193.3**	**196.1**	**198.6**	**202.4**	**206.8**	**209.8**	**212.3**	**215.6**	**218.7**	**225.8**	**230.9**	**239.8**	**256.0**	**272.5**
"L" (in)	(7.49)	(7.61)	(7.72)	(7.82)	(7.97)	(8.14)	(8.26)	(8.36)	(8.49)	(8.61)	(8.89)	(9.09)	(9.44)	(10.08)	(10.73)

Code: US

Wheel, Standard, 7/8-14 SAE

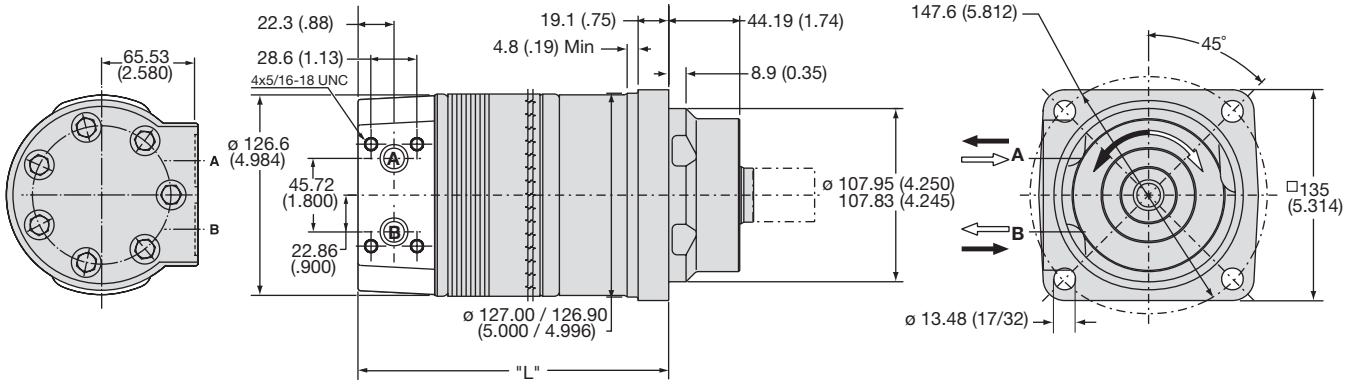


Code US disp	0110	0140	0170	0195	0240	0280	0310	0335	0360	0405	0475	0530	0625	0785	0960
Weight/Gewicht kg	**14.0**	**14.4**	**14.6**	**14.9**	**15.2**	**15.6**	**15.7**	**15.8**	**16.1**	**16.4**	**16.5**	**17.6**	**18.3**	**19.7**	**21.1**
Poids/Peso (lb)	(30.9)	(31.8)	(32.2)	(32.8)	(33.5)	(34.3)	(34.7)	(34.9)	(35.4)	(36.2)	(36.4)	(38.9)	(40.3)	(43.4)	(46.6)
Length "L" mm	**145.0**	**148.1**	**150.6**	**153.4**	**157.2**	**161.5**	**164.6**	**167.1**	**170.4**	**173.5**	**180.6**	**185.7**	**194.6**	**210.8**	**227.3**
"L" (in)	(5.71)	(5.83)	(5.93)	(6.04)	(6.19)	(6.36)	(6.48)	(6.58)	(6.71)	(6.83)	(7.11)	(7.31)	(7.66)	(8.30)	(8.95)

English equivalents for metric specifications are shown in ( ).

Code: WE

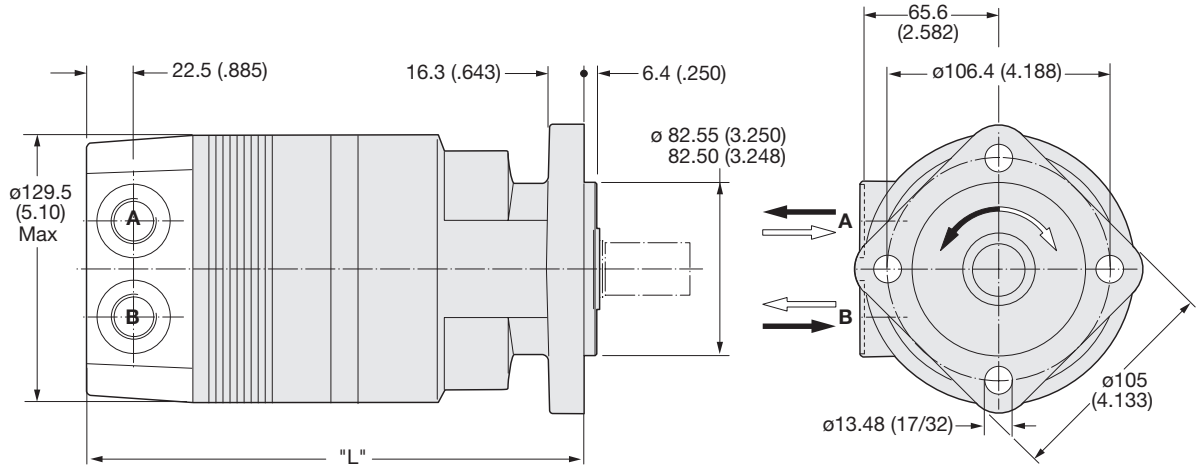
Wheel, Optional, Manifold Rear Port



Code WE disp	0110	0140	0170	0195	0240	0280	0310	0335	0360	0405	0475	0530	0625	0785	0960
Weight/Gewicht kg	**17.0**	**17.4**	**17.6**	**17.8**	**18.1**	**18.5**	**18.7**	**18.8**	**19.1**	**19.4**	**19.6**	**20.6**	**21.3**	**22.6**	**24.1**
Poids/Peso (lb)	(37.4)	(38.3)	(38.8)	(39.3)	(40.0)	(40.8)	(41.2)	(41.5)	(42.1)	(42.7)	(44.0)	(45.4)	(46.9)	(49.9)	(53.2)
Length "L" mm	**172.2**	**175.3**	**177.8**	**181.9**	**185.9**	**190.2**	**193.3**	**195.8**	**199.1**	**202.2**	**209.0**	**214.1**	**223.3**	**239.5**	**256.0**
"L" (in)	(6.78)	(6.90)	(7.00)	(7.16)	(7.32)	(7.49)	(7.61)	(7.71)	(7.84)	(7.96)	(8.23)	(8.43)	(8.79)	(9.43)	(10.08)

Code: VB

SAE A 4-Bolt, 7/8-14 SAE Rear Port

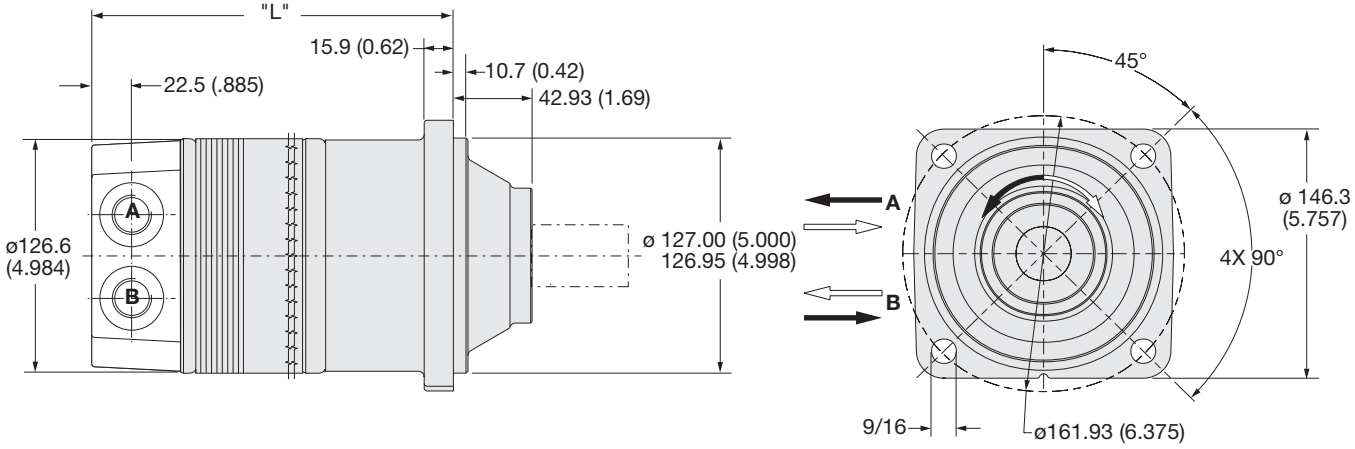


Code VB disp	0110	0140	0170	0195	0240	0280	0310	0335	0360	0405	0475	0530	0625	0785	0960
Weight/Gewicht kg	**15.5**	**15.9**	**16.1**	**16.4**	**16.7**	**17.1**	**17.2**	**17.4**	**17.8**	**18.1**	**18.5**	**19.2**	**19.4**	**21.1**	**22.6**
Poids/Peso (lb)	(34.2)	(35.1)	(35.4)	(36.1)	(36.8)	(37.7)	(38.0)	(38.3)	(39.2)	(40.0)	(40.7)	(42.3)	(43.7)	(46.6)	(49.8)
Length "L" mm	**211.3**	**214.4**	**213.9**	**219.7**	**223.8**	**227.8**	**230.9**	**233.4**	**236.7**	**239.8**	**246.9**	**252.0**	**261.1**	**277.4**	**293.9**
"L" (in)	(8.32)	(8.44)	(8.42)	(8.65)	(8.81)	(8.97)	(9.09)	(9.19)	(9.32)	(9.44)	(9.72)	(9.92)	(10.28)	(10.92)	(11.57)

English equivalents for metric specifications are shown in ( ).

Code: DB

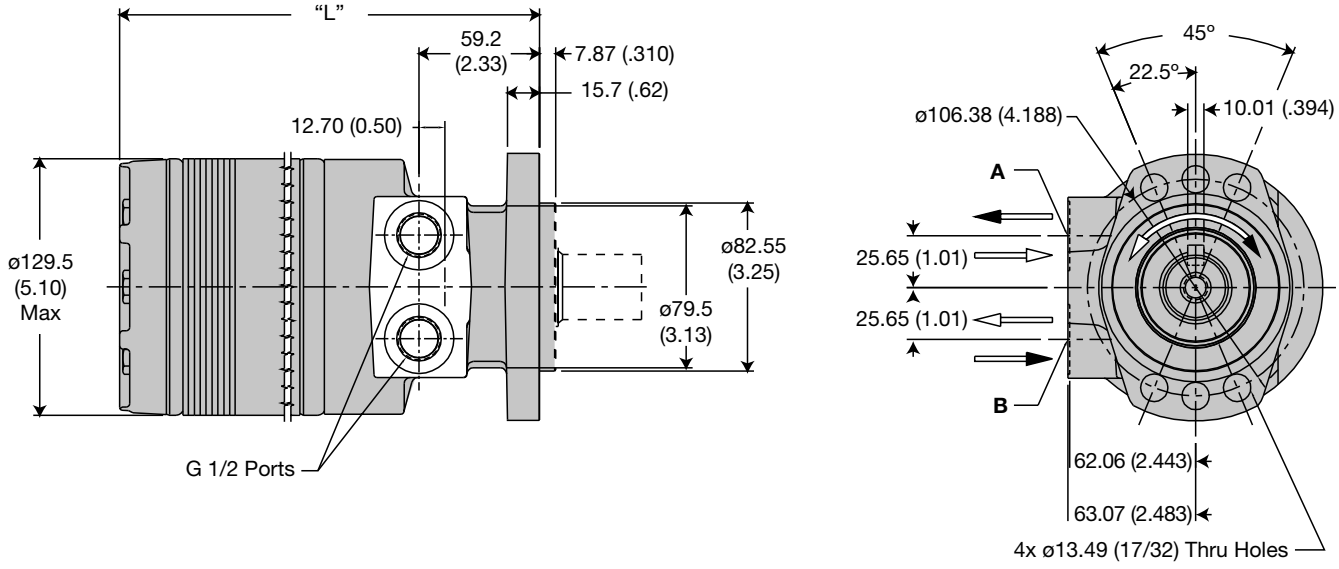
Large Wheel Mount, 7/8-14 SAE Rear Port



Code DB	disp	0110	0140	0170	0195	0240	0280	0310	0335	0360	0405	0475	0530	0625	0785	0960
Weight/Gewicht	**kg**	**17.0**	**17.4**	**17.6**	**17.8**	**18.1**	**18.5**	**18.7**	**18.8**	**19.1**	**19.4**	**19.6**	**20.6**	**21.3**	**22.6**	**24.1**
Poids/Peso	(lb)	(37.4)	(38.3)	(38.8)	(39.3)	(40.0)	(40.8)	(41.2)	(41.5)	(42.1)	(42.7)	(44.0)	(45.4)	(46.9)	(49.9)	(53.2)
Length	**"L" mm**	**172.2**	**175.3**	**177.8**	**181.9**	**185.9**	**190.2**	**193.3**	**195.8**	**199.1**	**202.2**	**209.0**	**214.1**	**223.3**	**239.5**	**256.0**
	"L" (in)	(6.78)	(6.90)	(7.00)	(7.16)	(7.32)	(7.49)	(7.61)	(7.71)	(7.84)	(7.96)	(8.23)	(8.43)	(8.79)	(9.43)	(10.08)

Code: EW

Modified SAE A 6-Bolt, G1/2 BSPP

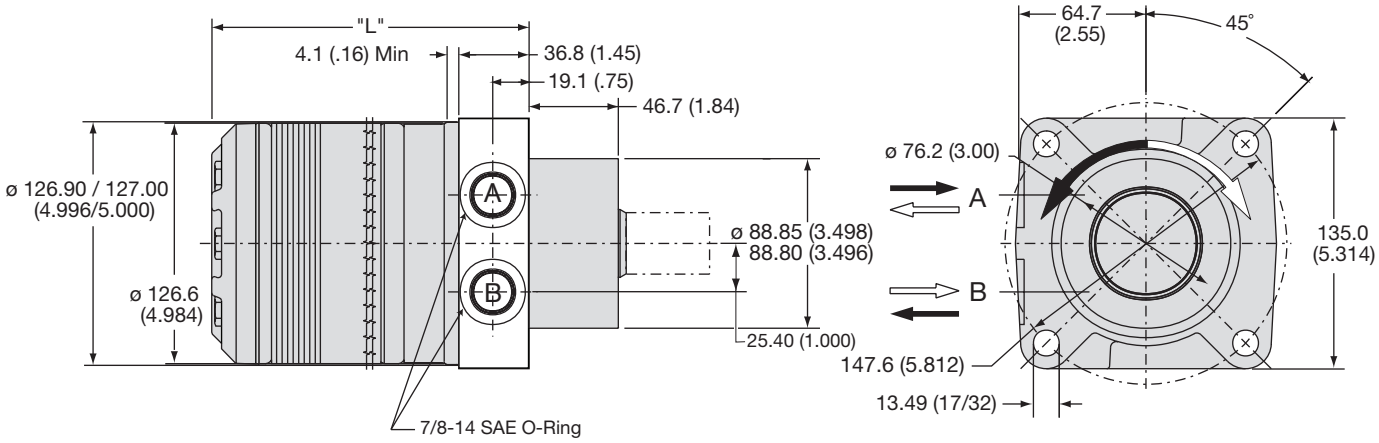


Code EW	disp	0110	0140	0170	0195	0240	0280	0310	0335	0360	0405	0475	0530	0625	0785	0960
Weight/Gewicht	**kg**	**13.7**	**14.1**	**14.3**	**14.5**	**14.8**	**15.2**	**15.4**	**15.5**	**15.8**	**16.1**	**16.6**	**17.3**	**18.0**	**19.8**	**20.8**
Poids/Peso	(lb)	(30.1)	(31.0)	(31.5)	(32.0)	(32.7)	(33.5)	(33.9)	(34.2)	(34.8)	(35.4)	(36.7)	(38.1)	(39.6)	(43.6)	(45.9)
Length	**"L" mm**	**190.2**	**193.3**	**196.1**	**198.6**	**202.4**	**206.8**	**209.8**	**212.3**	**215.6**	**218.7**	**225.8**	**230.9**	**239.8**	**256.0**	**272.5**
	"L" (in)	(7.49)	(7.61)	(7.72)	(7.82)	(7.97)	(8.14)	(8.26)	(8.36)	(8.49)	(8.61)	(8.89)	(9.09)	(9.44)	(10.08)	(10.73)

English equivalents for metric specifications are shown in ( ).

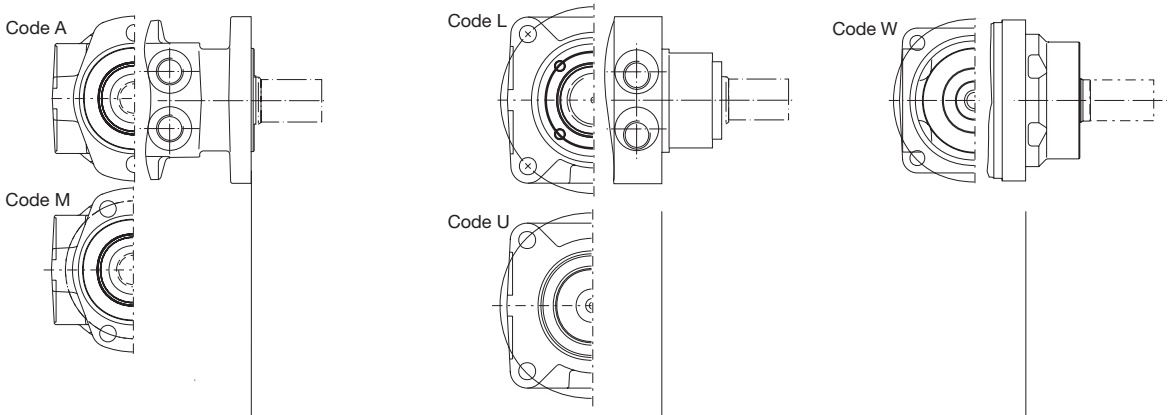
Code: TS

Wheel, Front Brake, No Tapped Holes in Nose, 7/8-14 SAE



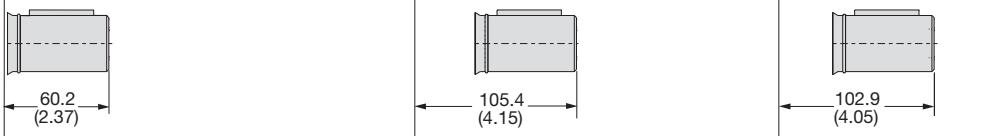
Code TS disp	0110	0140	0170	0195	0240	0280	0310	0335	0360	0405	0475	0530	0625	0785	0960
Weight/Gewicht kg	**14.0**	**14.4**	**14.6**	**14.9**	**15.2**	**15.6**	**15.7**	**15.8**	**16.1**	**16.4**	**16.5**	**17.6**	**18.3**	**19.7**	**21.1**
Poids/Peso (lb)	(30.9)	(31.8)	(32.2)	(32.8)	(33.5)	(34.3)	(34.7)	(34.9)	(35.4)	(36.2)	(36.4)	(38.9)	(40.3)	(43.4)	(46.6)
Length "L" mm	**145.0**	**148.1**	**150.6**	**153.4**	**157.2**	**161.5**	**164.6**	**167.1**	**170.4**	**173.5**	**180.6**	**185.7**	**194.6**	**210.8**	**227.3**
"L" (in)	(5.71)	(5.83)	(5.93)	(6.04)	(6.19)	(6.36)	(6.48)	(6.58)	(6.71)	(6.83)	(7.11)	(7.31)	(7.66)	(8.30)	(8.95)

English equivalents for metric specifications are shown in ( ).



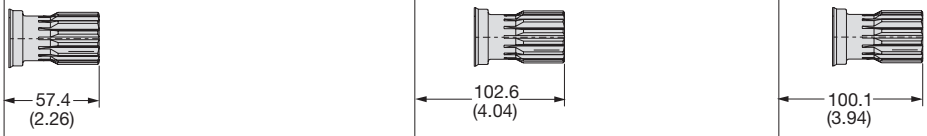
Code: 03

1 1/4" Keyed



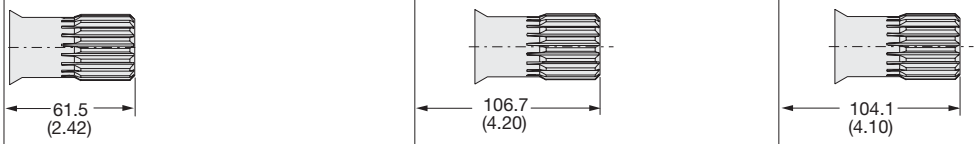
Code: 05

1" 1/4 14 Tooth Spline



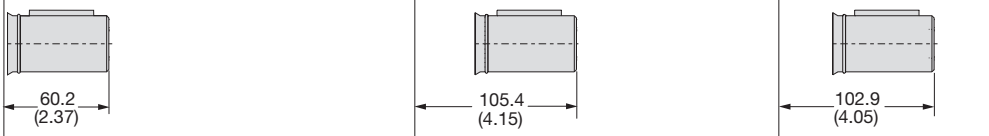
Code: 06

19 Tooth Spline



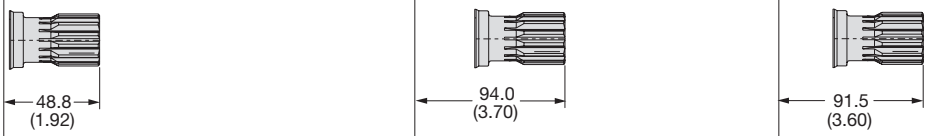
Code: 46

32 mm Keyed



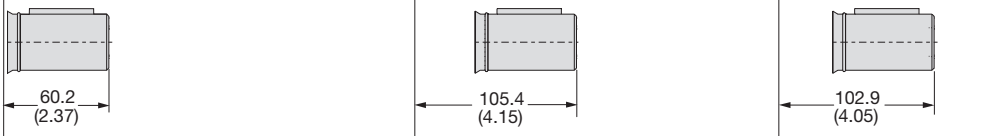
Code: 62

1" 1/4 14 Tooth Spline SAE



Code: 64

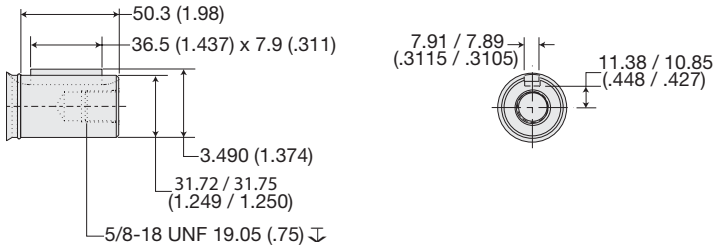
40 mm Keyed



English equivalents for metric specifications are shown in ( ).

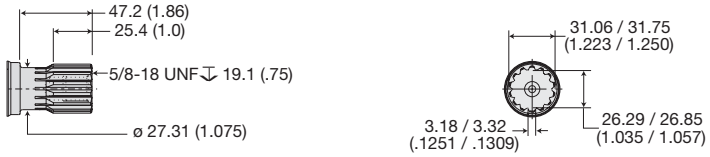
Code: 03

1 1/4" Keyed



Code: 05

1" 1/4 14 Tooth Spline

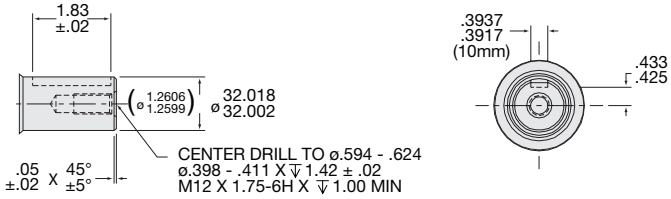


Code: 06

19 Tooth Spline

Code: 46

32 mm Keyed

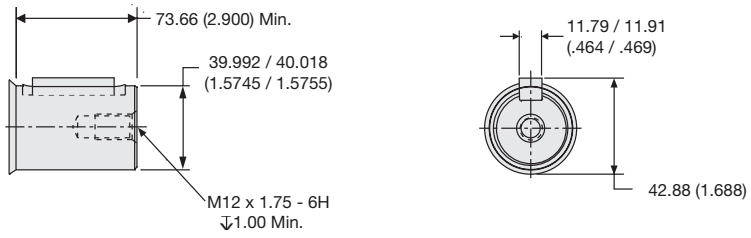


Code: 62

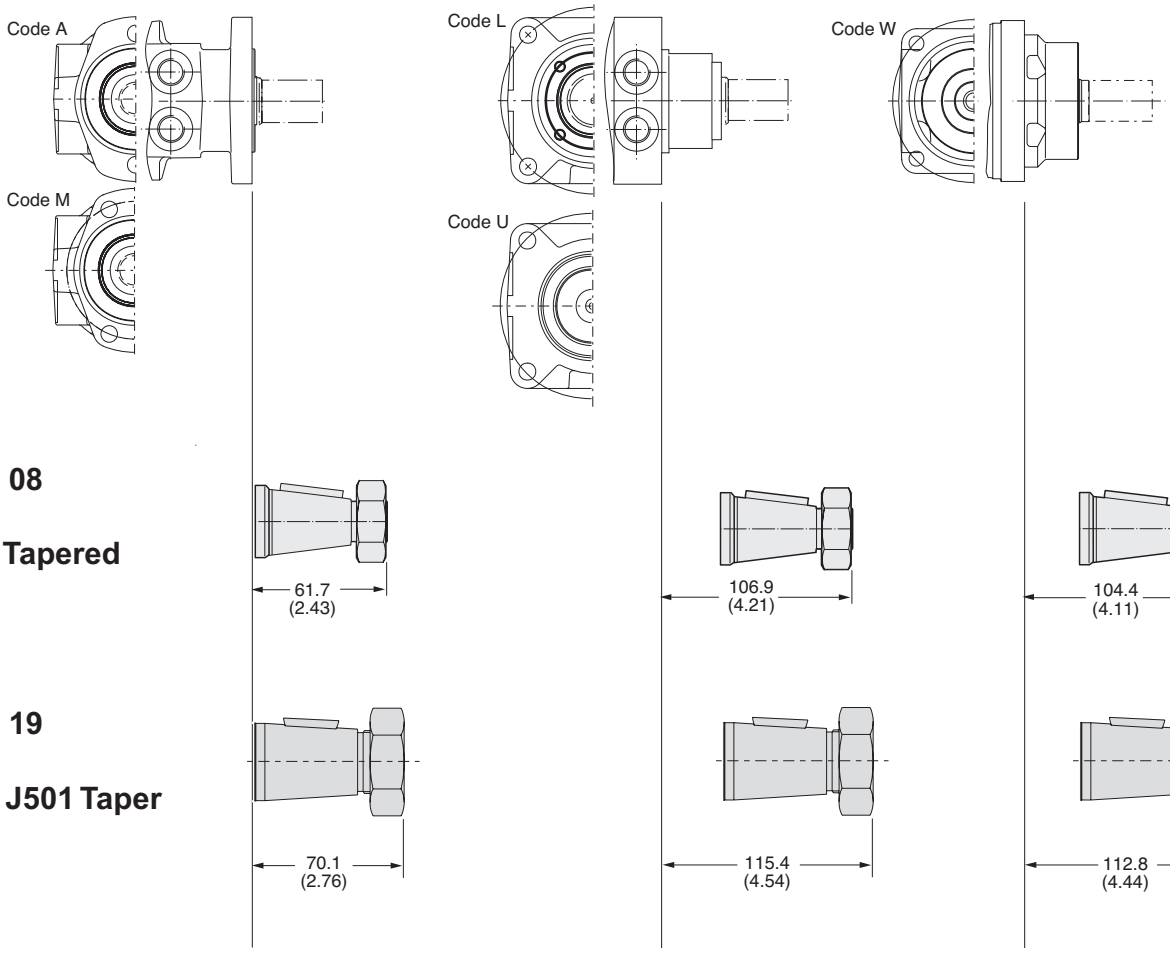
1" 1/4 14 Tooth Spline SAE

Code: 64

40 mm Keyed



English equivalents for metric specifications are shown in ( ).

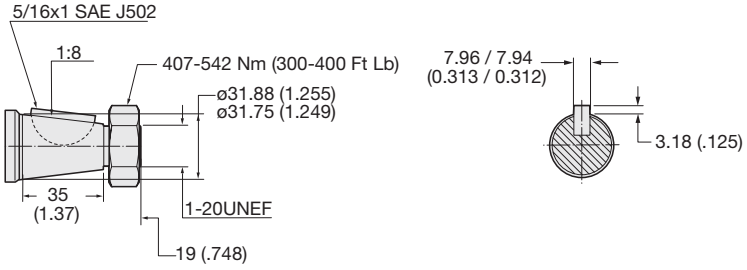


Code: 08

1 1/4" Tapered

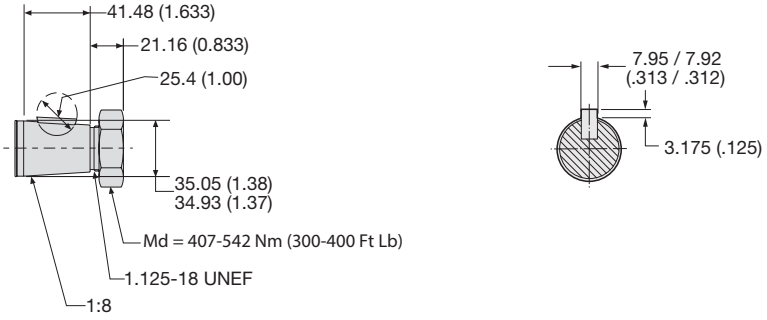
Code: 19

1 3/8" J501 Taper



Code: 08

1 1/4" Tapered



Code: 19

1 3/8" J501 Taper

English equivalents for metric specifications are shown in ( ).