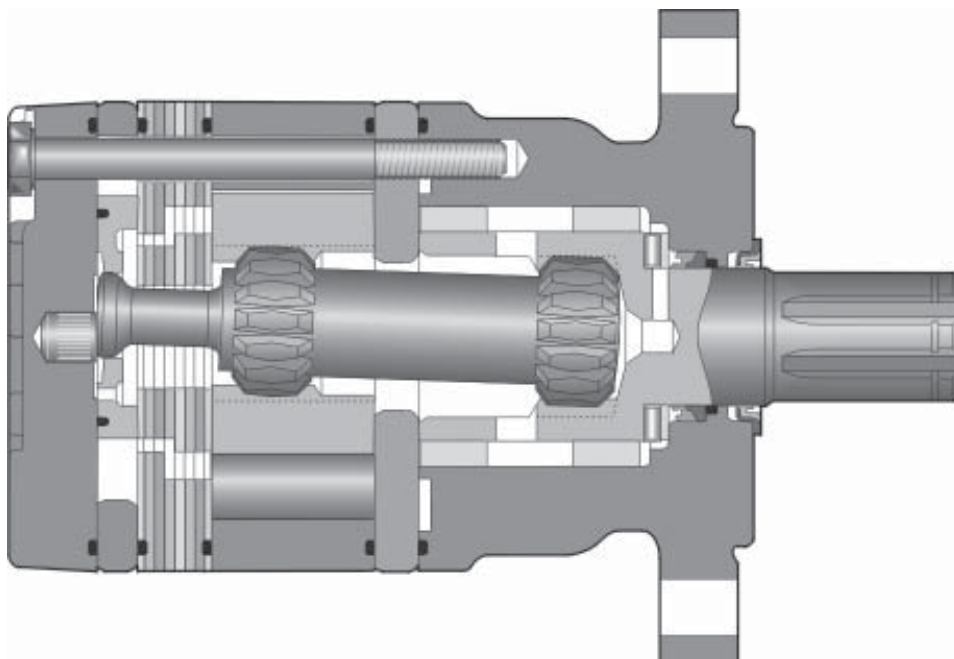
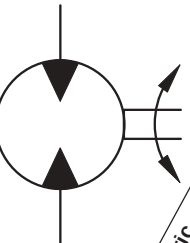


14 Displacements 14 Schluckvolumen 14 Cylindrée 14 Desplazamientos	(2.5-24.0 in ³ /rev) 45 . . . 390 cm ³ /rev	
Maximum Pressure Max. Druckgefalle Chaute de pression max. Presion Maxima	Cont (to 1250 psi) . . . 86 bar	Int (to 1750 psi) . . . 121 bar
Maximum Oil Flow Schluckstrom Débit d'huile Caudal Maximo de Aceite	(to 15 gpm) . . . 57 lpm	
Maximum Speed Drehzahl Vitesse de rotation Velocidad Maxima	(810 rpm) 810 rpm	
Maximum Torque Max Drehmoment Couple Maxi Torque Maximo	Cont (1455 lb in) 164.4 Nm	Int (2154 lb in) 243.4 Nm
Maximum Side Load Seitenlast Charges latérales Carga Maxima Lateral	(to 788 lb) . . . 3505 N	

Big Performance In A Small Package

High Performance and long life in a reduced space envelope describe Parker's TC Series motors. High volume fluid flow continually washes across splines and seals to extend their life. Roller vanes and sealed commutation assure high volumetric efficiency and smooth low speed operation.



	Geomeric displacement Geom. Schluckvolumen Cylindrée Desplazamientos Max. speed @ Max. intermittent flow Max. Drehzahl Intermittierender Betrieb: Velocidad de rotación maxi Velocidad máxima a caudal intermitente Max. oil flow Max. Schluckstrom Débit d'huile maxi Caudal Máximo de Aceite Max. Differential Pressure Max. Druckgefälle Chute de pression maxi Presion diferencial máxima Max. supply pressure Max. Eingangsdruck Pression maxi entrée Presión máxima de alimentación Max. torque Max. Drehmoment Couple maxi Torque Máximo Max. performance Max. Leistungabgabe Máximo redinimiento Min. starting torque Min. Anlaufmoment Couple min. fourni au démarrage Torque mínimo de arranque													
	Motor Series TC	cm³/rev in³/rev	rev/min	cont / int* l/min g/min		cont / int* bar psi		max bar psi		cont / int* Nm lb-in		max KW HP		cont / int* Nm lb-in
TC0045	41 2.5	810	34 9	34 9	86 1250	121 1750	134 1950	36.7 325	53.2 471	4.5 6.1	19.7 174	33.3 295		
TC0050	49 3.0	688	34 9	34 9	86 1250	121 1750	134 1950	45.8 405	65.2 577	4.7 6.3	26.6 235	39.4 349		
TC0065	65 4.0	517	34 9	34 9	86 1250	121 1750	134 1950	62.8 556	89.5 792	4.8 6.5	40.8 361	66.7 590		
TC0080	82 5.0	413	34 9	34 9	86 1250	121 1750	134 1950	79.5 704	113.8 1007	4.9 6.6	60.9 539	85.6 758		
TC0100	98 6.0	460	45 12	45 12	86 1250	121 1750	134 1950	86.2 763	126.9 1123	6.1 8.2	78.0 691	105.5 934		
TC0130	130 8.0	429	45 12	57 15	86 1250	121 1750	134 1950	112.8 998	168.1 1488	7.5 10.1	111.4 986	168.6 1492		
TC0165	163 10.0	346	45 12	57 15	86 1250	121 1750	134 1950	138.5 1226	205.1 1815	7.5 10.0	139.2 1232	208.6 1846		
TC0195	195 11.9	287	45 12	57 15	86 1250	121 1750	134 1950	164.4 1455	242.5 2146	7.3 9.8	194.8 1724	263.5 2332		
TC0230	228 13.9	246	45 12	57 15	76 1100	107 1550	134 1950	162.4 1437	243.4 2154	6.3 8.4	194.6 1722	261.0 2310		
TC0260	260 15.9	217	45 12	57 15	66 950	97 1400	134 1950	150.2 1329	240.2 2126	5.4 7.3	182.8 1618	264.8 2344		
TC0295	293 17.9	193	45 12	57 15	59 850	86 1250	134 1950	142.4 1260	231.4 2048	4.7 6.3	189.2 1675	268.8 2379		
TC0330	328 20.0	173	45 12	57 15	52 750	76 1100	134 1950	130.0 1151	216.3 1914	4.0 5.3	187.0 1655	261.9 2318		
TC0365	370 22.6	152	45 12	57 15	45 650	66 950	134 1950	130.2 1152	216.8 1919	3.4 4.6	186.2 1648	276.0 2443		
TC0390	392 24.0	144	45 12	57 15	45 650	66 950	134 1950	127.0 1124	211.6 1873	3.2 4.3	191.8 1698	285.5 2527		

Performance data based on testing using 10W40 oil with a viscosity of 43.1 cSt. (200 SUS) at 54° C (130° F). Performance data is typical. Actual data may vary slightly from one production motor to another.

Les données sur les performances sont basées sur des tests utilisant de l'huile 10W40 d'une viscosité de 200 SUS à 54°C (130°F). Ces données correspondent à des situations typiques. Les données réelles peuvent varier légèrement d'un moteur de production à l'autre.

Leistungsdaten sind gemessen mit SAE 10W40 bei einer Viskosität von 43,1 cSt bei 54°C. Geringfügige Abweichungen von den Katalogdaten sind möglich.

Datos técnicos obtenidos con aceite 10W40 de 200 SUS de viscosidad a 54°C (130°F). Los datos proporcionados son valores típicos. Los valores exactos reales podrían tener una pequeña variación entre distintos motores.

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

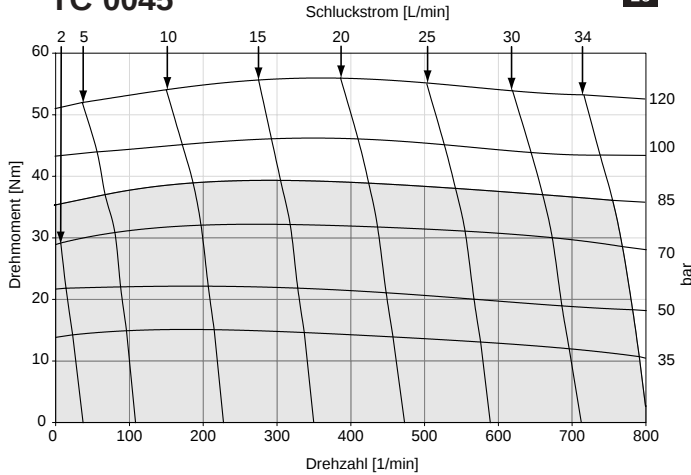
Intermittierende Werte maximal 10% von jeder Betriebsminute.

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

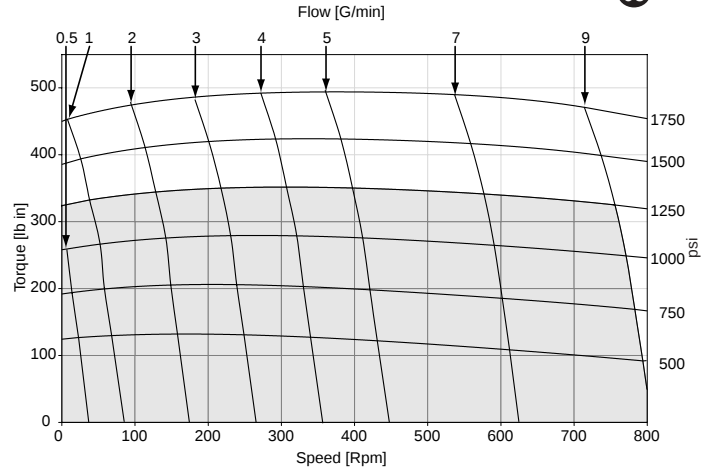
Capacidad de funcionamiento intermitente válida para 10% por cada minuto.

TC 0045

EU

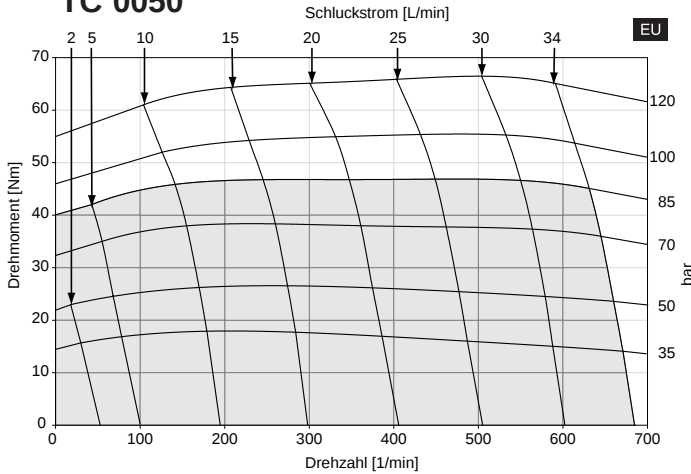


US

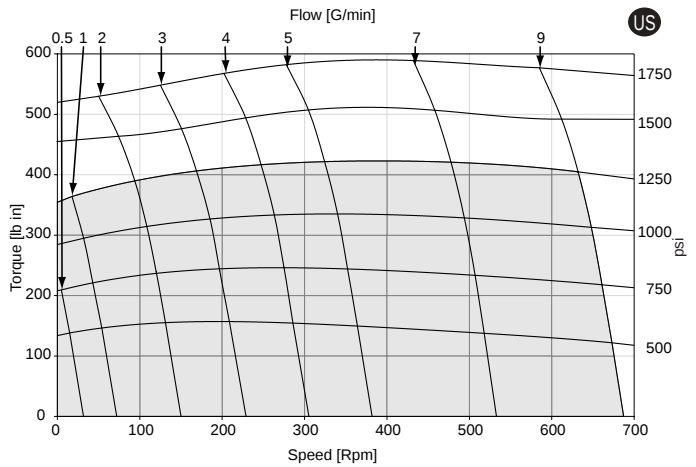


TC 0050

EU

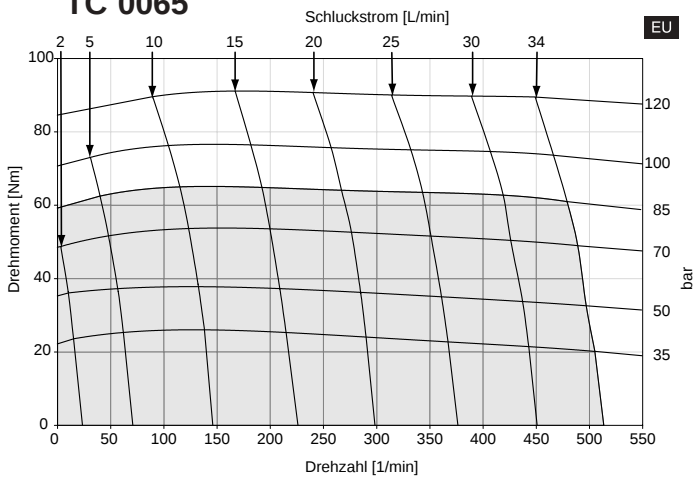


US

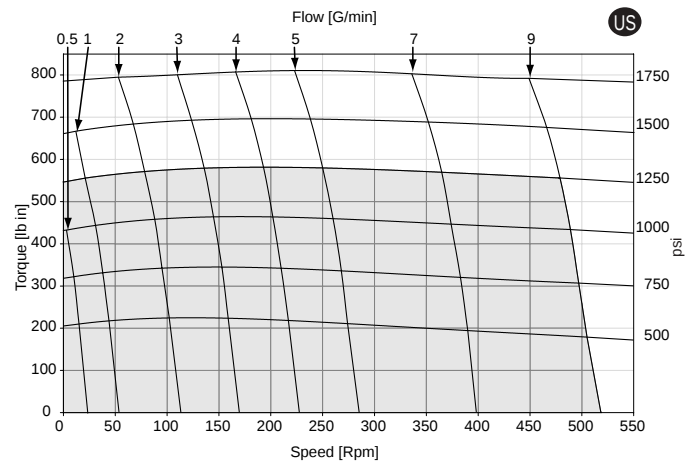


TC 0065

EU



US



■ 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 données sur les performances sont basées sur des tests utilisant de l'huile 10W40 d'une viscosité de 200 SUS à 54°C (130°F). Ces données correspondent à des situations typiques. Les données réelles peuvent varier légèrement d'un moteur de production à l'autre.

Global TC.p65, pfm, fm

Intermittierende Werte maximal 10% von jeder Betriebsminute.

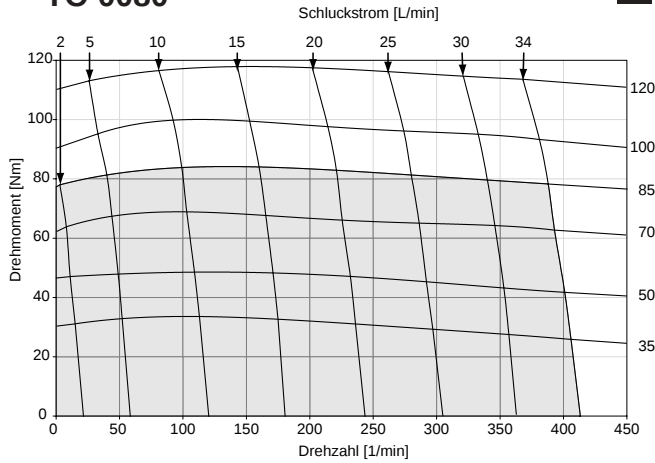
Capacidad de funcionamiento intermitente valida para 6 segundos por cada minuto.

Leistungsdaten sind gemessen mit SAE 10W40 bei einer Viskosität von 43,1 Cst bei 54°C. Geringfügige Abweichungen von den Katalogdaten sind möglich.

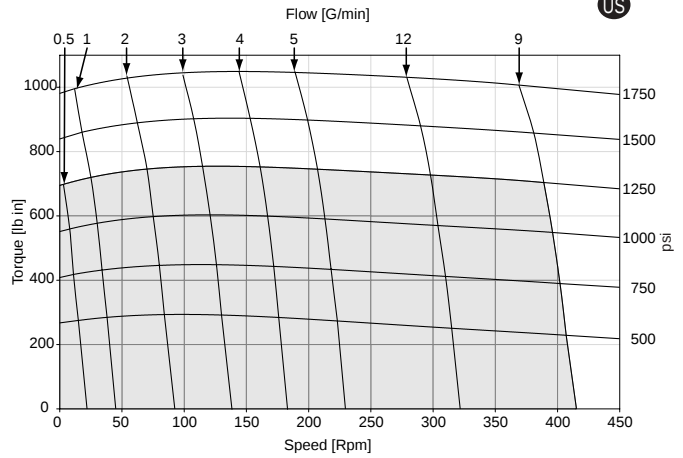
Datos tecnicos obtenidos con aceite 10W40 de 200 SUS de viscosidad a 54°C (130°F). Los datos proporcionados son valores típicos. Los valores exactos reales podrían tener una pequeña variación entre distintos motores.

TC 0080

EU

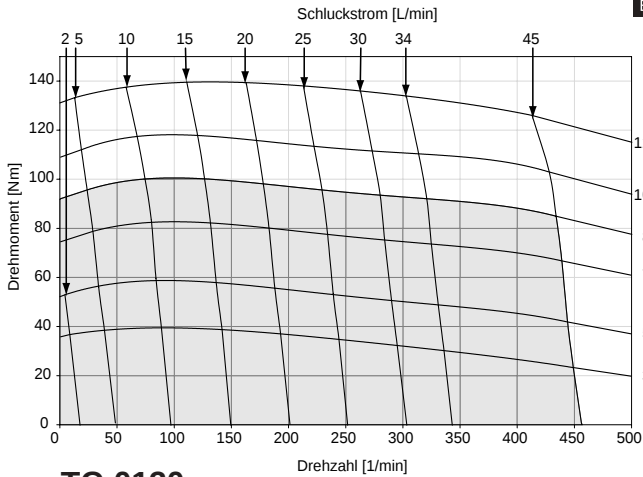


US

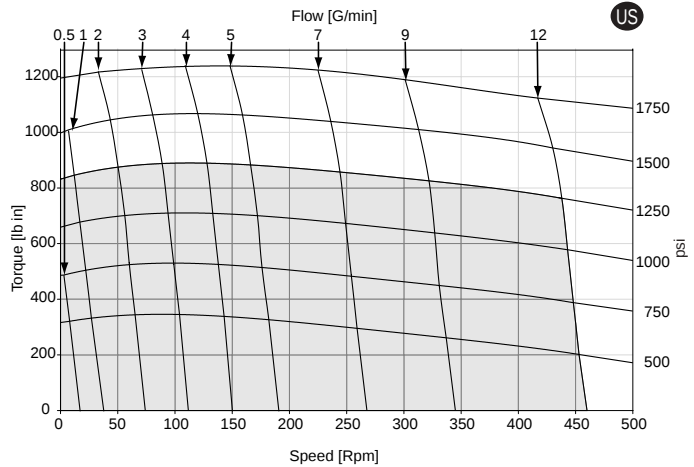


TC0100

EU

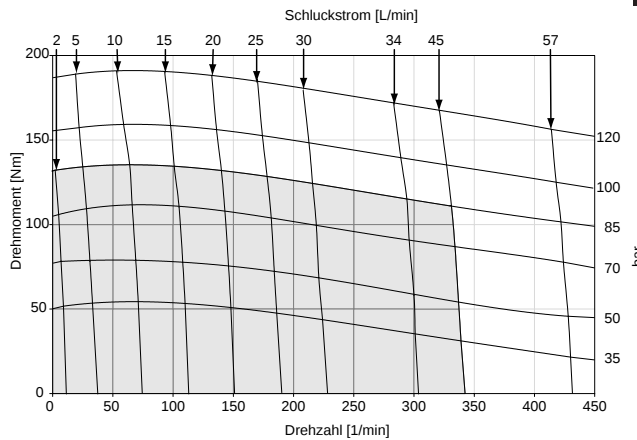


US

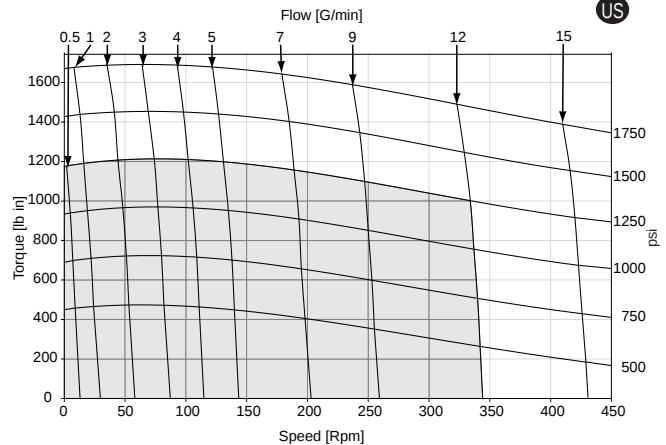


TC 0130

EU



US



□ 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 données sur les performances sont basées sur des tests utilisant de l'huile 10W40 d'une viscosité de 200 SUS à 54°C (130°F). Ces données correspondent à des situations typiques. Les données réelles peuvent varier légèrement d'un moteur de production à l'autre.

Intermittierende Werte maximal 10% von jeder Betriebsminute.

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

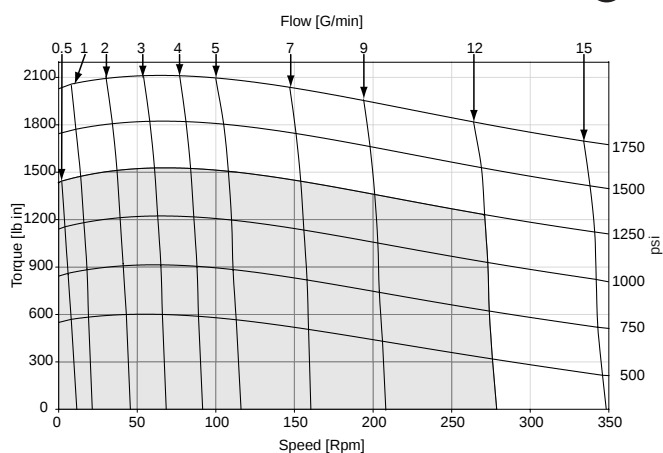
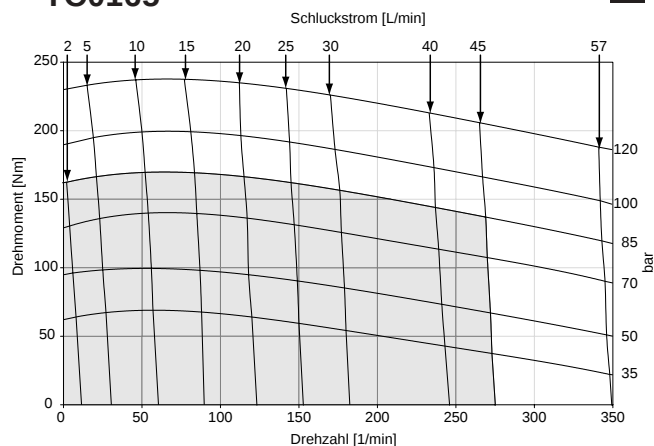
Leistungsdaten sind gemessen mit SAE 10W40 bei einer Viskosität von 43,1 Cst bei 54°C. Geringfügige Abweichungen von den Katalogdaten sind möglich.

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

TC0165

EU

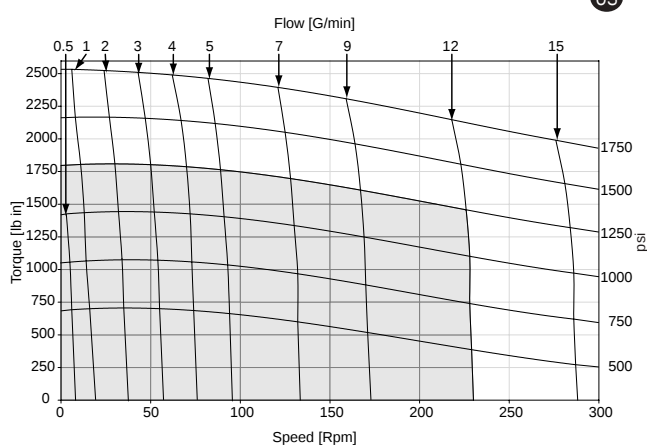
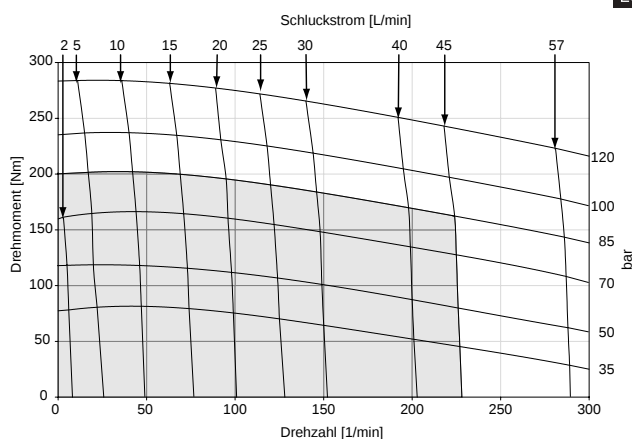
US



TC0195

EU

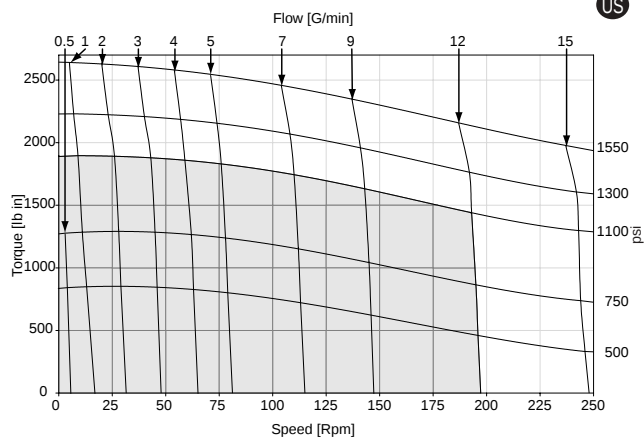
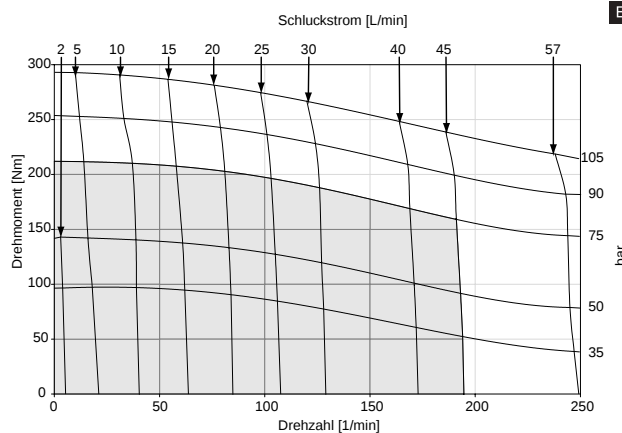
US



TC 0230

EU

US



□ 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 données sur les performances sont basées sur des tests utilisant de l'huile 10W40 d'une viscosité de 200 SUS à 54°C (130°F). Ces données correspondent à des situations typiques. Les données réelles peuvent varier légèrement d'un moteur de production à l'autre.

Intermittierende Werte maximal 10% von jeder Betriebsminute.

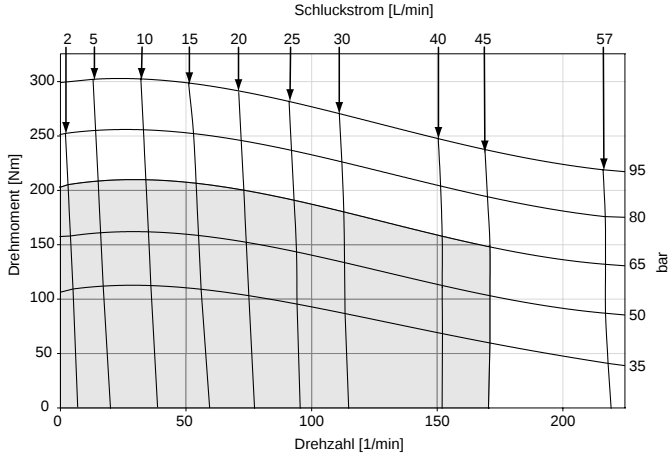
Capacidad de funcionamiento intermitente valida para 6 segundos por cada minuto.

Leistungsdaten sind gemessen mit SAE 10W40 bei einer Viskosität von 43,1 Cst bei 54°C. Geringfügige Abweichungen von den Katalogdaten sind möglich.

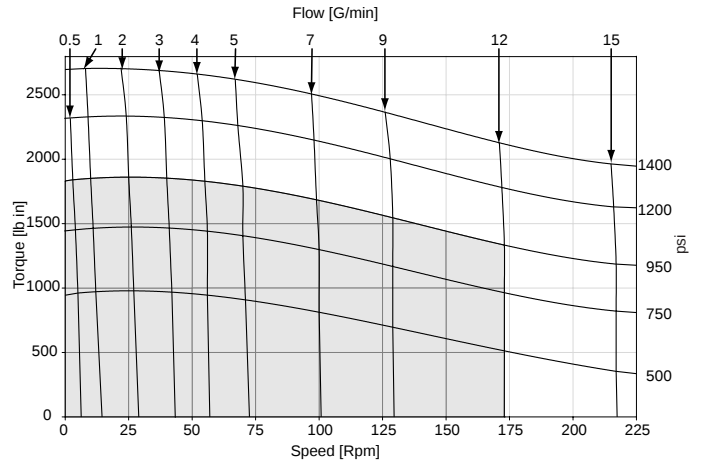
Datos tecnicos obtenidos con aceite 10W40 de 200 SUS de viscosidad a 54°C (130°F). Los datos proporcionados son valores tipicos. Los valores exactos reales podrian tener una pequena variacion entre distintos motores.

TC 0260

EU

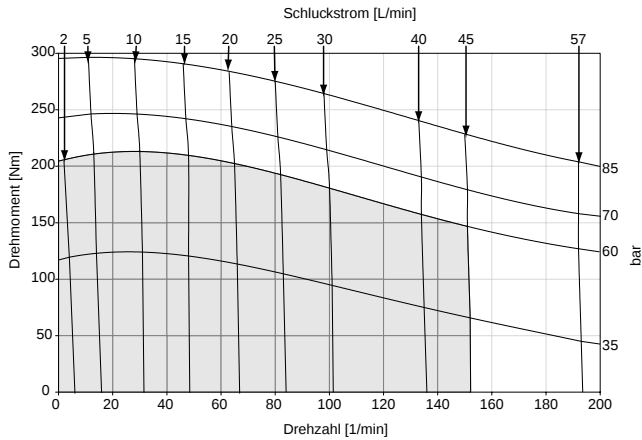


US

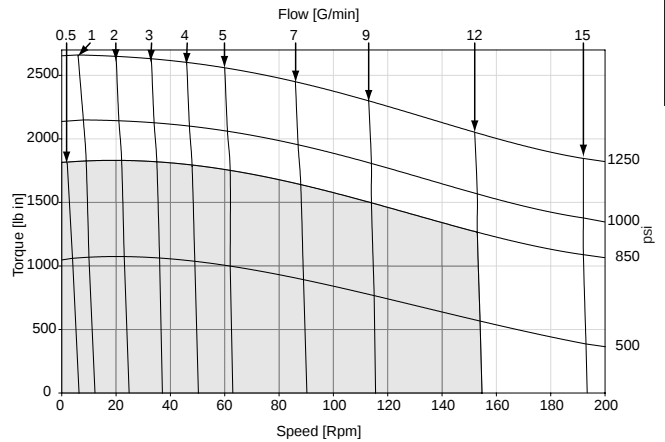


TC0295

EU

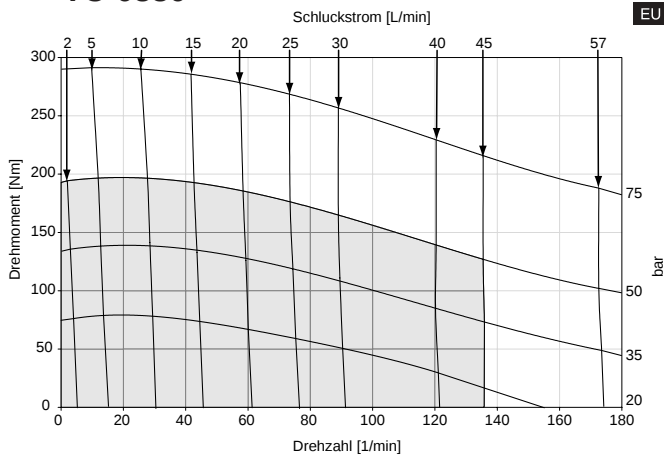


US

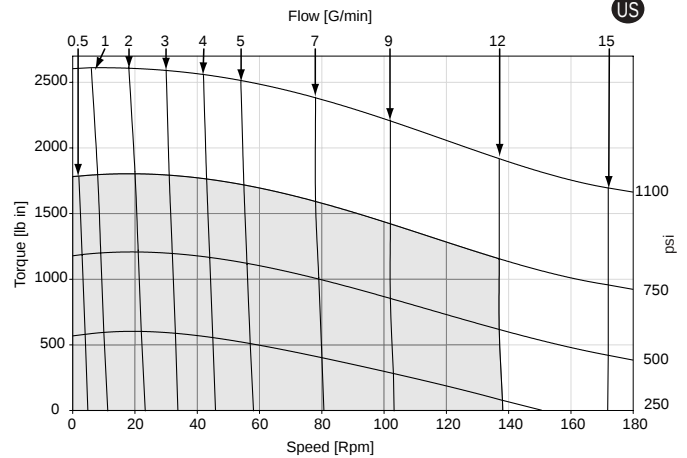


TC 0330

EU



US



□ 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 données sur les performances sont basées sur des tests utilisant de l'huile 10W40 d'une viscosité de 200 SUS à 54°C (130°F). Ces données correspondent à des situations typiques. Les données réelles peuvent varier légèrement d'un moteur de production à l'autre.

Intermittierende Werte maximal 10% von jeder Betriebsminute.

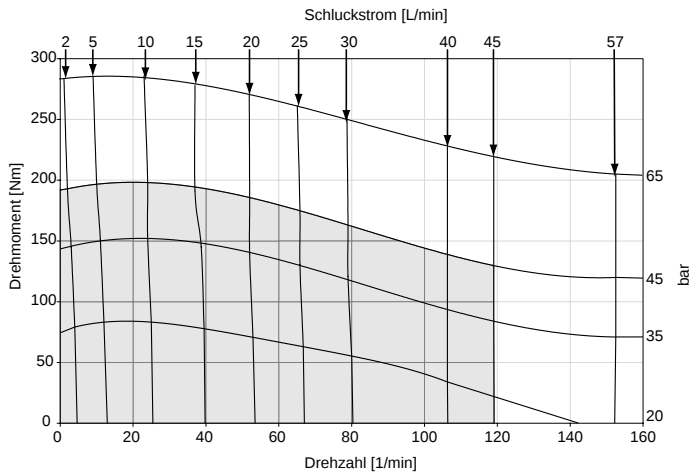
Capacidad de funcionamiento intermitente valida para 6 segundos por cada minuto.

Leistungsdaten sind gemessen mit SAE 10W40 bei einer Viskosität von 43,1 Cst bei 54°C. Geringfügige Abweichungen von den Katalogdaten sind möglich.

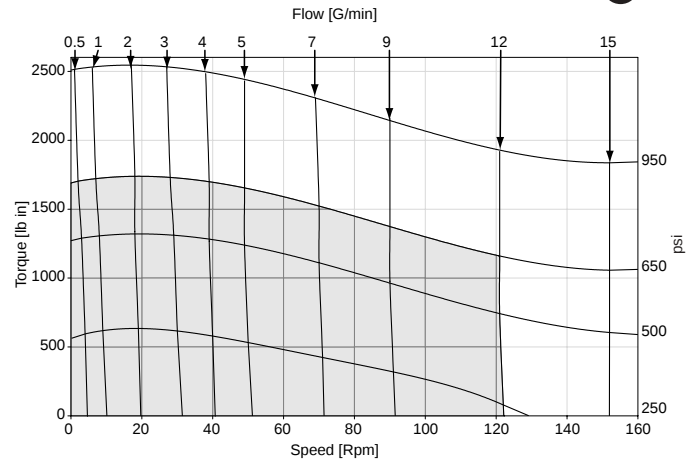
Datos tecnicos obtenidos con aceite 10W40 de 200 SUS de viscosidad a 54°C (130°F). Los datos proporcionados son valores tipicos. Los valores exactos reales podrian tener una pequena variacion entre distintos motores.

TC 0365

EU

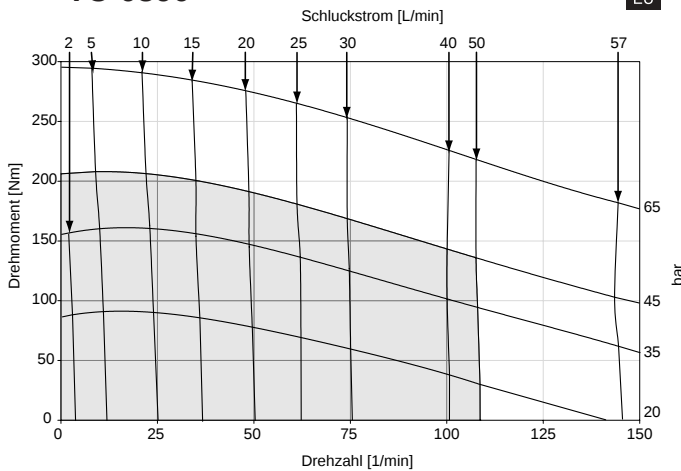


US

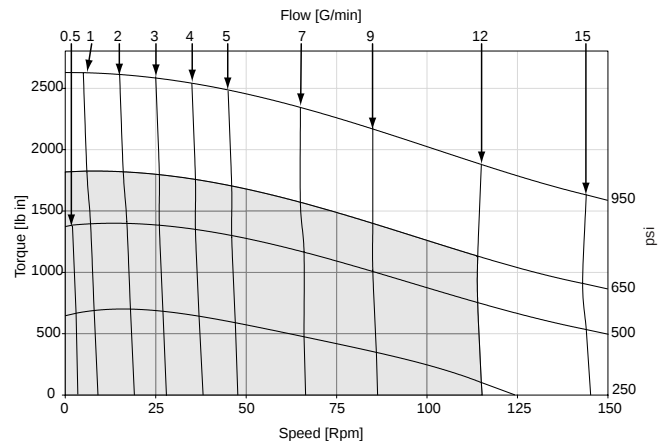


TC 0390

EU



US



■ 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 données sur les performances sont basées sur des tests utilisant de l'huile 10W40 d'une viscosité de 200 SUS à 54°C (130°F). Ces données correspondent à des situations typiques. Les données réelles peuvent varier légèrement d'un moteur de production à l'autre.

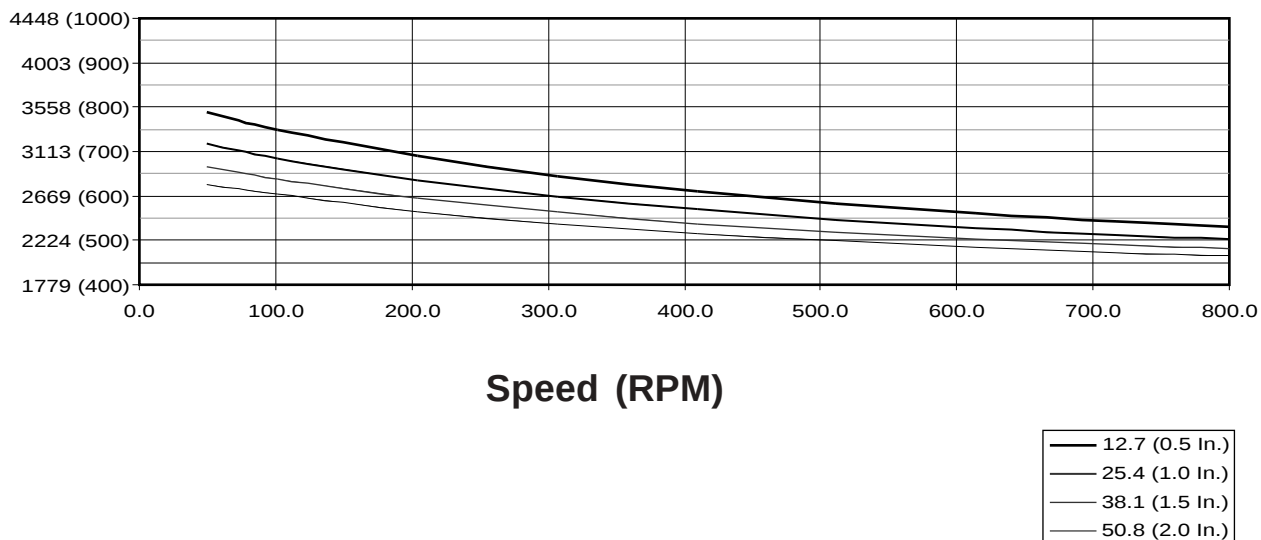
Intermittierende Werte maximal 10% von jeder Betriebsminute.

Capacidad de funcionamiento intermitente valida para 6 segundos por cada minuto.

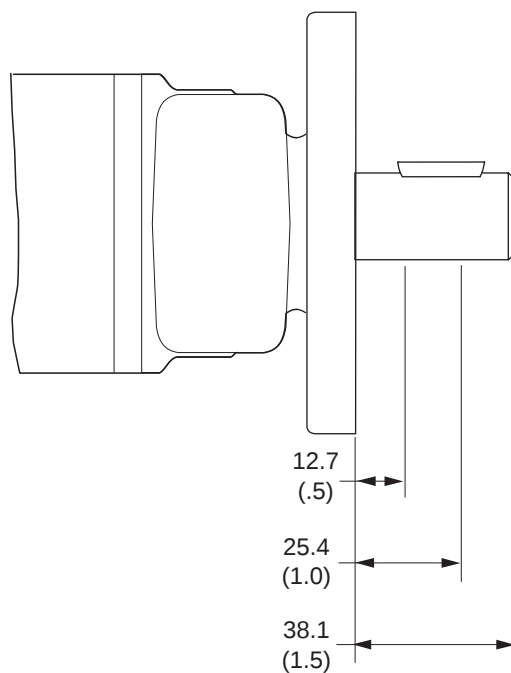
Leistungsdaten sind gemessen mit SAE 10W40 bei einer Viskosität von 43,1 Cst bei 54°C. Geringfügige Abweichungen von den Katalogdaten sind möglich.

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

Shaft Side Load Capacity N (lb)



The allowable side load curve is based on bushing life of 2.5×10^6 revolutions.
Die zulaessige radiale Wellenbelastung bezieht sich auf die Lager-Lebensdauer $2,5 \times 10^6$ Umdrehungen.
L'effort radial admissible sur l'arbre depend a une duree de vie $2,5 \times 10^6$ de rotation.
La curva de carga lateral admisible se basa en vida util de cojinete de 2.5×10 revoluciones.

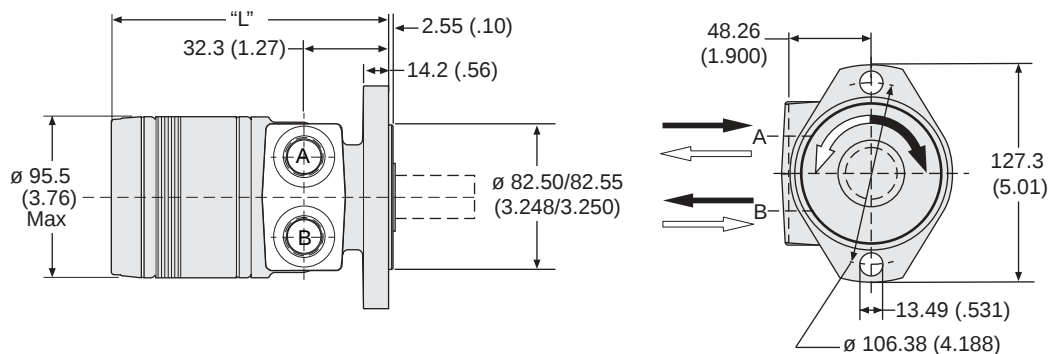


English equivalents for metric specifications are shown in ().

Global TC.p65, pfm, fm

Code: A 

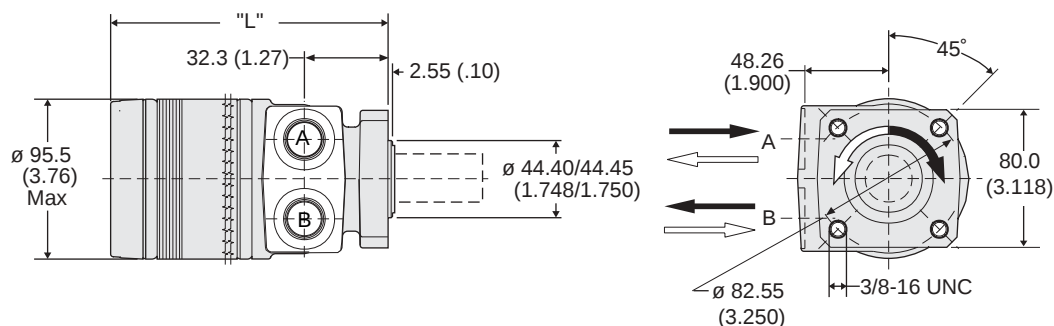
SAE A 2-Bolt



Code A	disp.	0045	0050	0065	0080	0100	0130	0165	0195	0230	0260	0295	0330	0365	0390
Weight/Gewicht	kg	5.46	5.54	5.67	5.81	5.88	6.19	6.45	6.74	6.93	7.23	7.39	7.71	8.09	8.21
Poids/Peso	(lb)	(12.0)	(12.2)	(12.5)	(12.8)	(13.0)	(13.6)	(14.2)	(14.9)	(15.3)	(15.9)	(16.3)	(17.0)	(17.8)	(18.1)
Length	"L" mm	120.1	121.6	124.8	127.9	131.1	137.5	143.8	150.2	156.5	162.9	169.2	175.6	184.2	188.3
	"L" (in)	(4.73)	(4.79)	(4.91)	(5.04)	(5.16)	(5.41)	(5.66)	(5.91)	(6.16)	(6.41)	(6.66)	(6.91)	(7.25)	(7.41)

Code: F 

4-Bolt

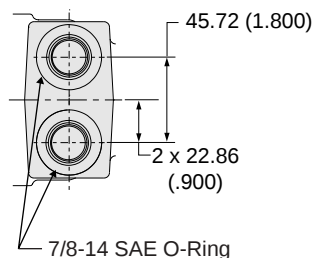


Code F	disp.	0045	0050	0065	0080	0100	0130	0165	0195	0230	0260	0295	0330	0365	0390
Weight/Gewicht	kg	6.03	6.12	6.26	6.35	6.49	6.76	7.03	7.35	7.58	7.80	8.07	8.35	8.66	8.80
Poids/Peso	(lb)	(13.3)	(13.5)	(13.8)	(14.0)	(14.3)	(14.9)	(15.5)	(16.2)	(16.7)	(17.2)	(17.8)	(18.4)	(19.1)	(19.4)
Length	"L" mm	120.1	121.6	124.8	127.9	131.1	137.5	143.8	150.2	156.5	162.9	169.2	175.6	184.2	188.3
	"L" (in)	(4.73)	(4.79)	(4.91)	(5.04)	(5.16)	(5.41)	(5.66)	(5.91)	(6.16)	(6.41)	(6.66)	(6.91)	(7.25)	(7.41)

English equivalents for metric specifications are shown in ().

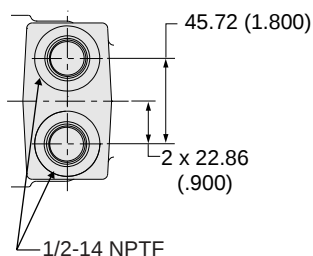
Code: S 

7/8"-14 SAE O-Ring



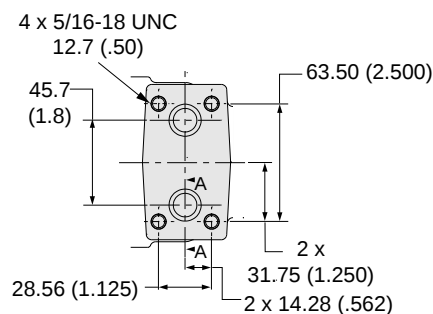
Code: P 

1/2"-14 NPTF

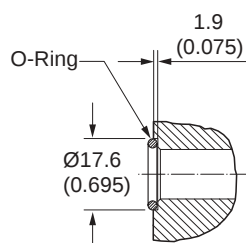


Code: M 

Manifold



A - - A



Motor with manifold mount is supplied with 2 O-rings.

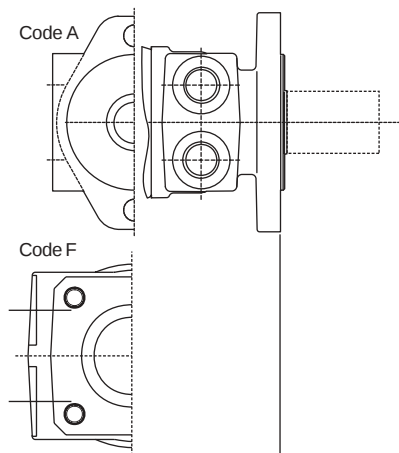
Zum Motor mit Universalanschluß werden 2 O-Ringe geliefert.

Deux joints toriques sont livrés avec les moteurs a plan de raccordement universel.

Il blocchetto connessioni è corredato da 2 OR.

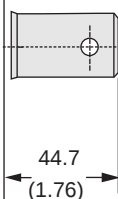
English equivalents for metric specifications are shown in ().

Global TC.p65, pfm, fm



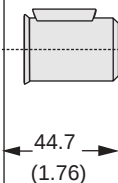
Code: 09 

**1" Straight with
0.38" Crosshole**



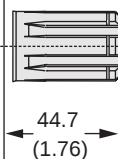
Code: 10 

1" Keyed



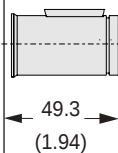
Code: 11 

1" 6B Spline



Code: 13 

Long 1" Keyed

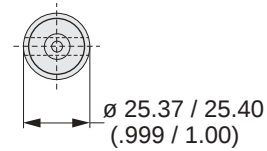
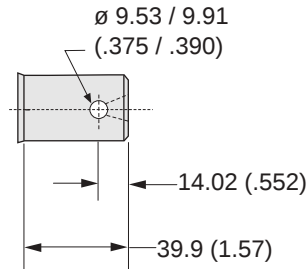


English equivalents for metric specifications are shown in ().

Global TC.p65, pfm, fm

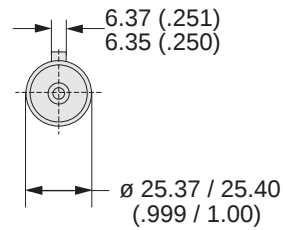
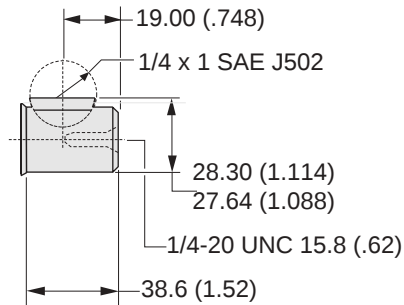
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**1" Straight with
0.38" Crosshole**



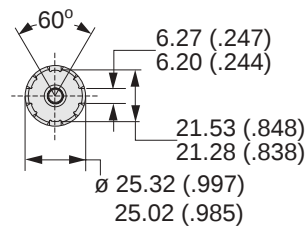
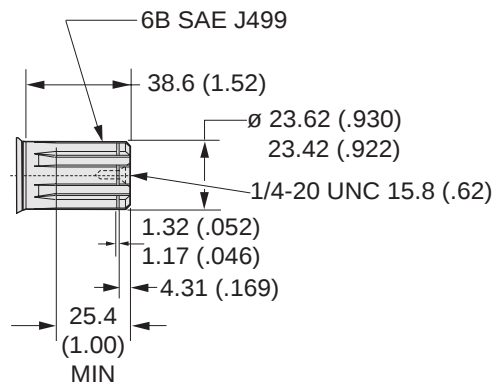
Code: 10 

1" Keyed



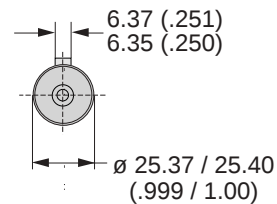
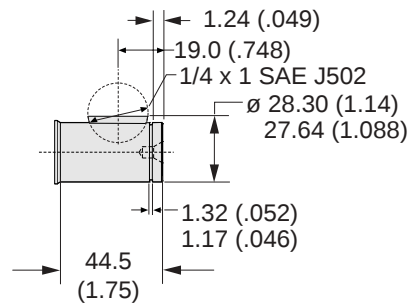
Code: 11 

1" 6B Spline



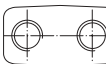
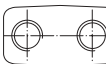
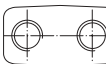
Code: 13 

Long 1" Keyed



English equivalents for metric specifications are shown in ().

Global TC.p65, pfm, fm

TC	XXXX	X	X	XX	X	XXXX																																																																			
Series	Displacement Schluckvolumen Cylindrée Desplazamiento	Mounting Gehäuse Carter Montaje	Ports Anschluß Plan de raccordement Lumbreras	Shaft Welle Arbre Eje	Rotation Drehrichtung Direction de rotation Rotacion	Options Opciones																																																																			
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See Page 73 for Additional Options

 US Standard

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