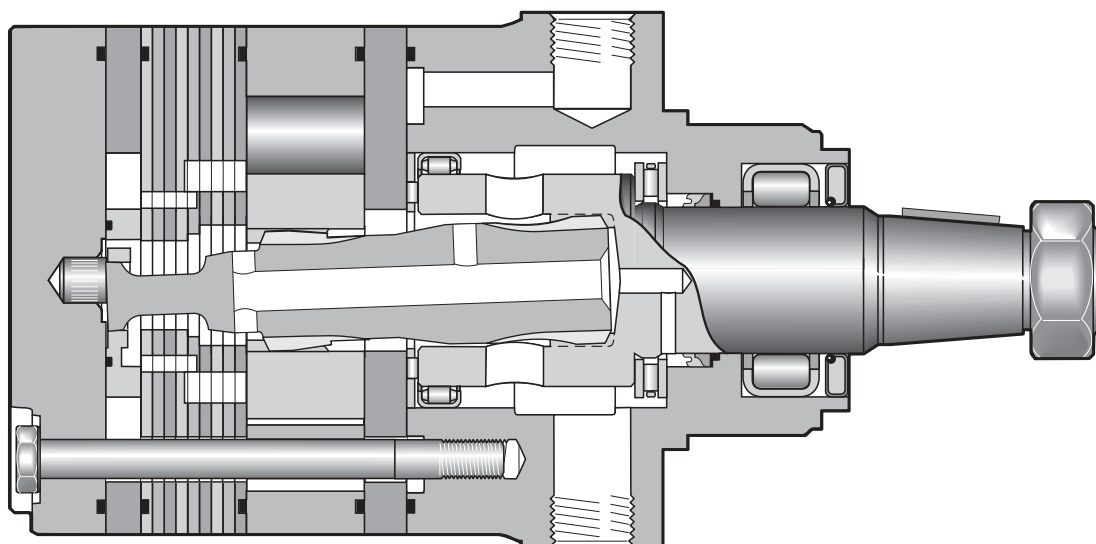
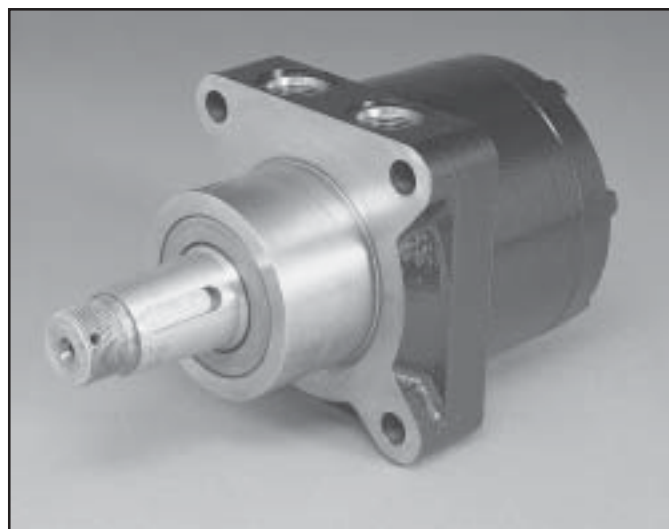
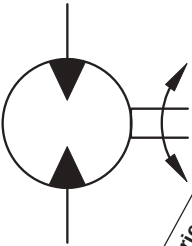


11 Displacements	(4.9 - 29.1 in ³ /rev)	
11 Schluckvolumen	81 ... 477 cm ³ /rev	
11 Cylindrée		
11 Desplazamientos		
	Cont.	Int.
Maximum Pressure	(to 3000 psi)	(to 4000 psi)
Eingangsdruck	... 210 bar	... 281 bar
Pression entrée		
Presion Maxima		
Maximum Oil Flow	(to 25 gpm)	
Schluckstrom	... 95 lpm	
Débit d'huile		
Caudal Maximo de Aceite		
Maximum Speed	(749 rpm)	
Drehzahl	749 rpm	
Vitesse de rotation		
Velocidad Maxima		
	Cont.	Int.
Maximum Torque	(6027 lb in)	(8106 lb in)
MaxDrehmoment	681 Nm	916 Nm
Couple		
Torque Maximo		
Maximum Side Load at Key	(to 3597 lb)	
Seitenlast	... 16000 N	
Charges latérales		
Carga Maxima Lateral		

A Tough Motor for Tough Applications

Sturdy construction throughout makes Parker's TF Series motors suitable for the most severe applications. The powertrain uses patented 60:40 spline geometry for strength. All splines are constantly flushed with cool fluid for durability. Roller vanes and sealed commutation assure high volumetric efficiency, smooth low speed operation and extended life. Shaft seals can withstand full system pressure and are washed in cool fluid for long life.





Motor Series TF	Geometric displacement Geom. Schluckvolumen Cylindrée	Max. speed @ Max. intermittent flow Max. Drehzahl Intermittierender Betrieb: Velocidad máxima a caudal intermitente	Max. oil flow Max. Schluckstrom Portata max	Max. differential pressure Max. Druckgefälle Pression différentiel maxima	Max. supply pressure Max. Eingangsdruck Pression maxi entrée	Max. torque Max. Drehmoment Couple max	Max. performance Max. Leistungabgabe Maximo rendimiento	Min. starting torque Min. Anlaufmoment Couple min. fourni au démarrage
	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
TF0080	81 4.9	693	46 57 12 15	207 276 3000 4000	300 4350	220 296 1948 2621	21.5 28.8	158 205 1401 1811
TF0100	100 6.1	749	57 76 15 20	155 241 2250 3500	300 4350	197 318 1746 2813	24.9 33.4	148 243 1309 2155
TF0130	128 7.8	583	57 76 15 20	138 207 2000 3000	300 4350	229 356 2031 3148	21.7 29.1	180 278 1596 2460
TF0140	141 8.6	530	57 76 15 20	138 207 2000 3000	300 4350	254 393 2248 3477	21.8 29.2	196 308 1739 2728
TF0170	169 10.3	444	57 76 15 20	138 207 2000 3000	300 4350	317 489 2808 4324	22.7 30.5	243 385 2152 3404
TF0195	197 12.0	381	57 76 15 20	138 207 2000 3000	300 4350	364 562 3222 4971	22.4 30.1	302 468 2671 4142
TF0240	238 14.5	394	76 95 20 25	138 207 2000 3000	300 4350	427 670 3782 5928	27.7 37.1	366 572 3242 5058
TF0280	280 17.1	334	76 95 20 25	138 207 2000 3000	300 4350	509 794 4502 7029	27.8 37.3	438 672 3876 5946
TF0360	364 22.2	258	76 95 20 25	130 190 1880 2750	300 4350	594 880 5257 7788	20.0 26.8	517 779 4575 6898
TF0365 Clutch	364 22.2	258	76 95 20 25	95 152 1400 2200	300 4350	437 740 3871 6456	20.0 26.8	398 650 3521 5749
TF0405	405 24.7	231	76 95 20 25	128 172 1850 2750	300 4350	655 916 5800 8106	22.1 29.7	575 789 5091 6978
TF0475	477 29.1	195	76 95 20 25	113 138 1645 2000	300 4350	681 851 6027 7528	17.4 23.3	603 740 5334 6548

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.

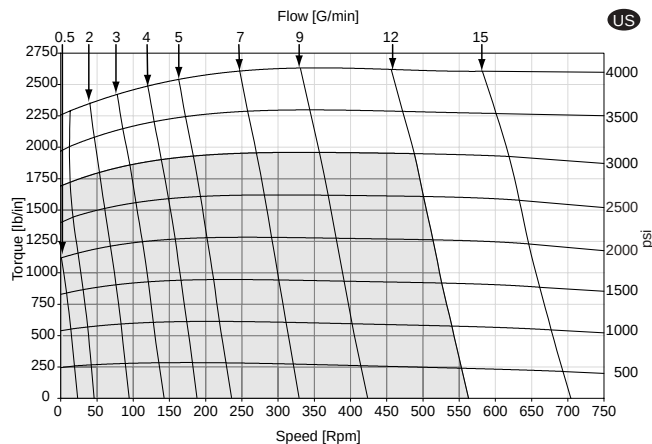
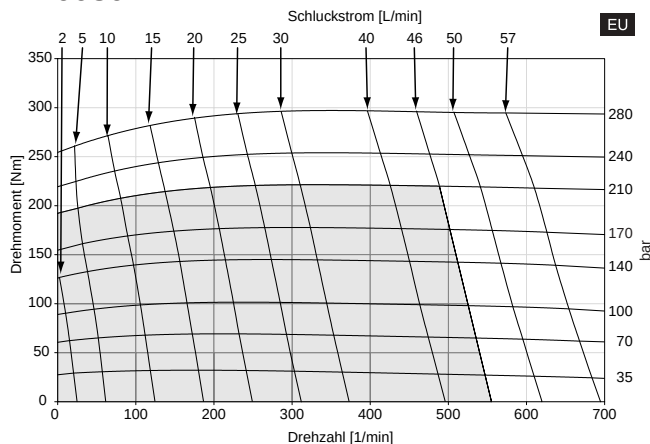
* Intermittent operation rating applies to 10% of every minute.

Intermittierende Werte maximal 10% von jeder Betriebsminute.

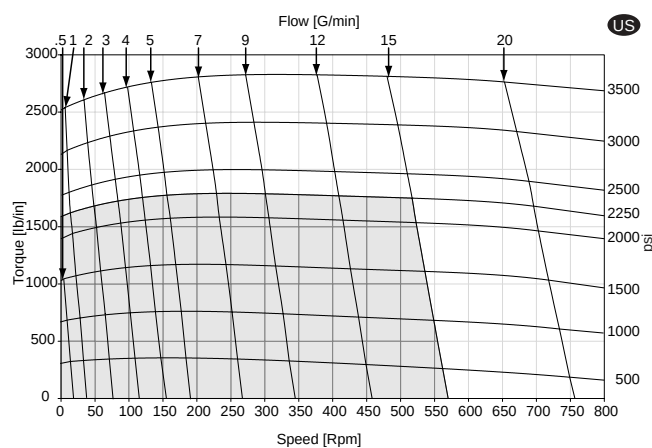
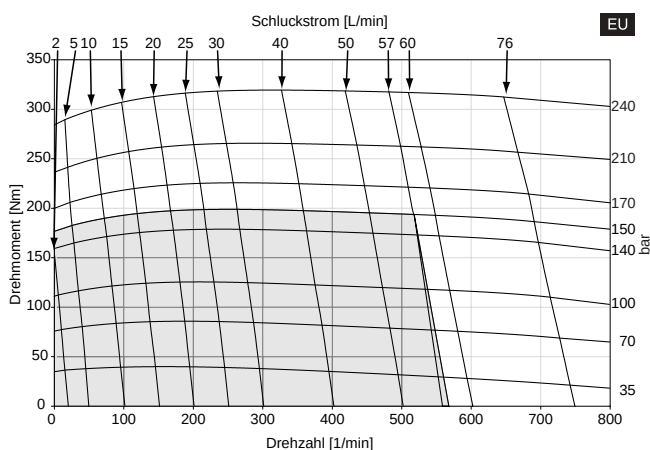
Fonctionnement interm. 10% max. de chaque minute d'utilisation.

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

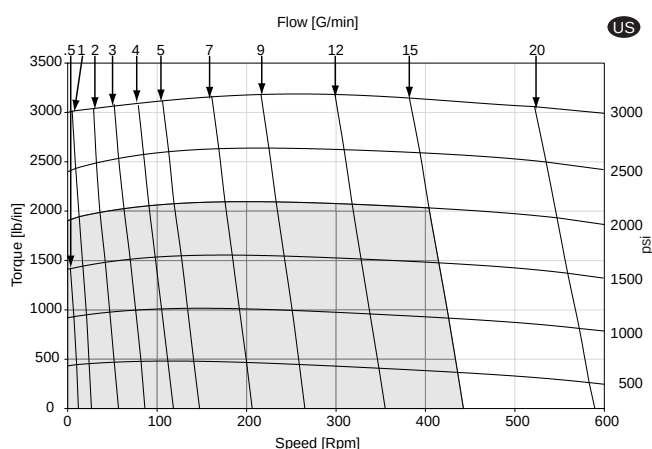
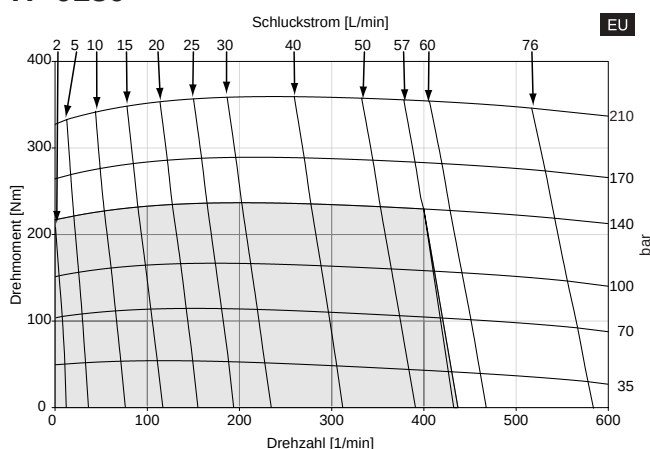
TF 0080



TF 0100



TF 0130



□ 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.

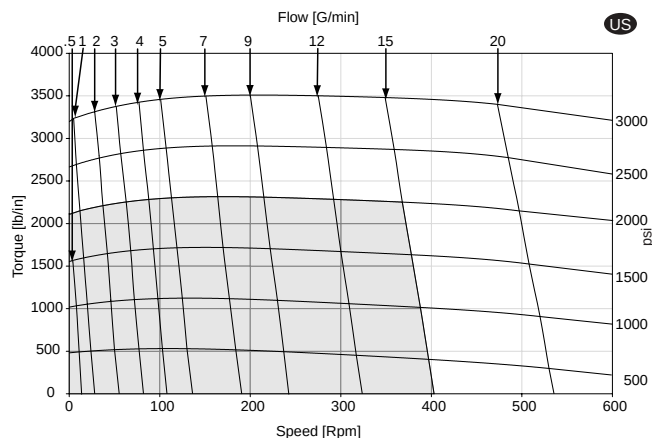
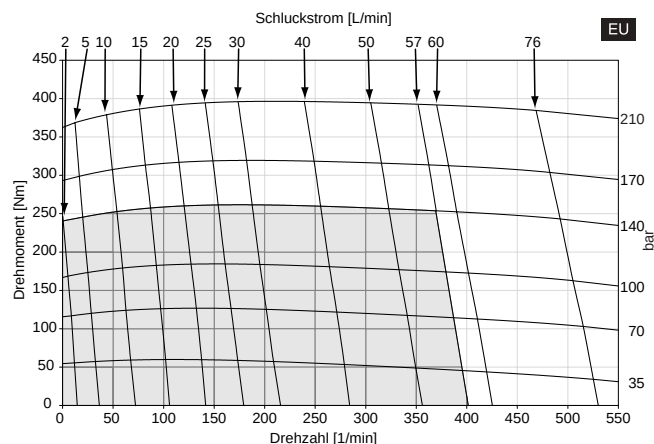
Les données sur les performances sont basées sur des tests utilisant de l'huile 10W40 d'une viscosité de 200 SUS à 54°C (130°F). Ces données correspondent à des situations typiques. Les données réelles peuvent varier légèrement d'un moteur de production à l'autre.

Intermittierende Werte maximal 10% von jeder Betriebsminute.

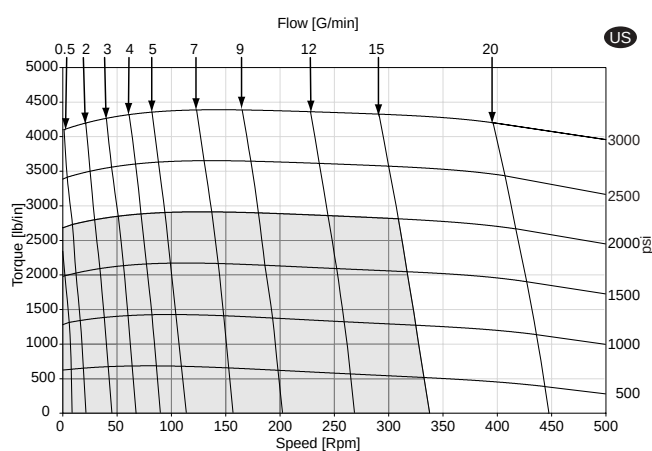
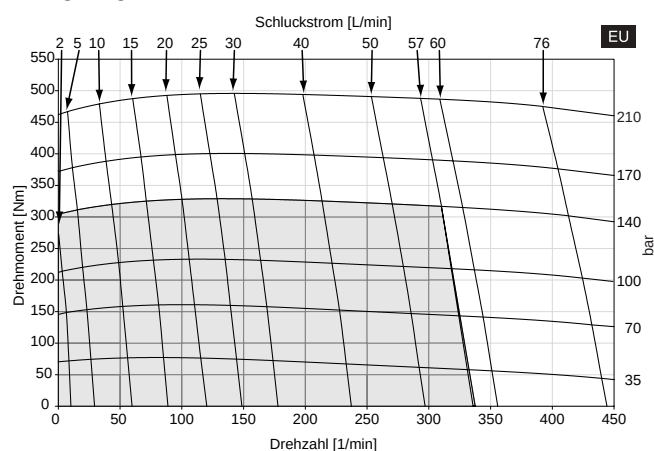
Capacidad de funcionamiento intermitente valida para 10% por cada minuto. Leistungsdaten sind gemessen mit SAE 10W40 bei einer Viskosität von 43,1 Cst bei 54°C. Geringfügige Abweichungen von den Katalogerten sind möglich.

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.

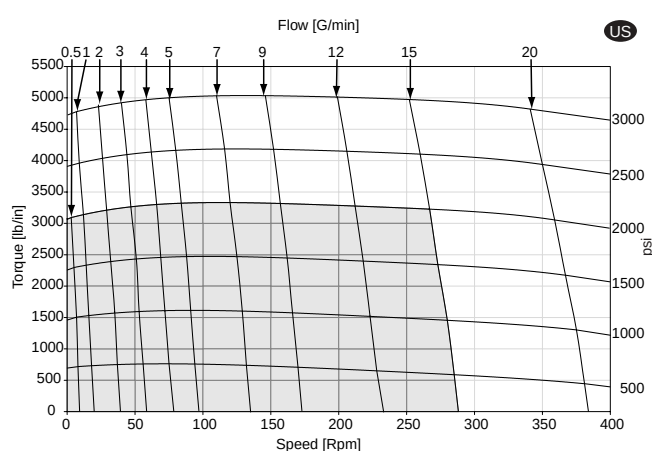
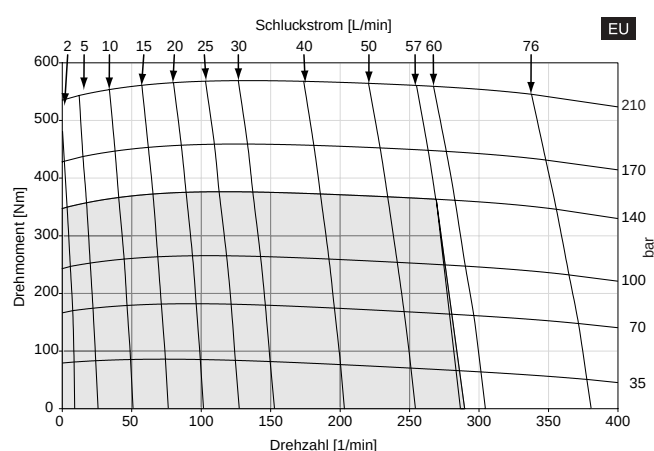
TF 0140



TF 0170



TF 0195



□ 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 TF.p65, pfm, fm

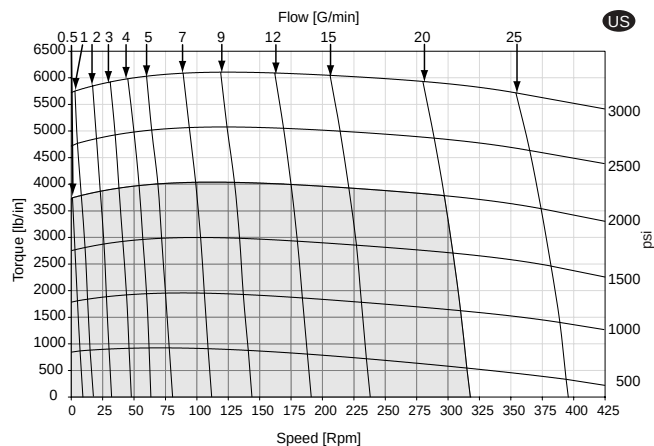
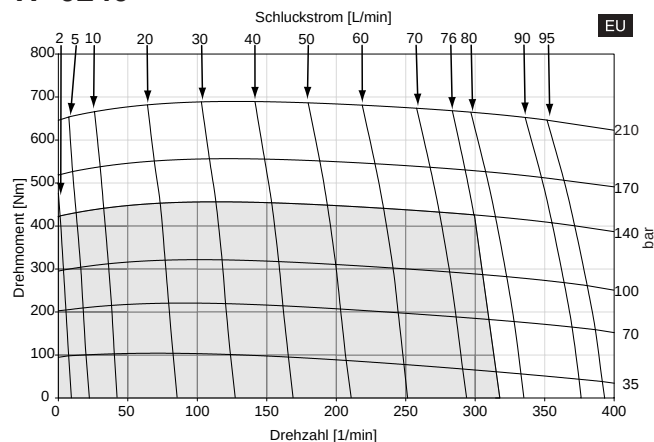
Intermittierende Werte maximal 10% von jeder Betriebsminute.

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

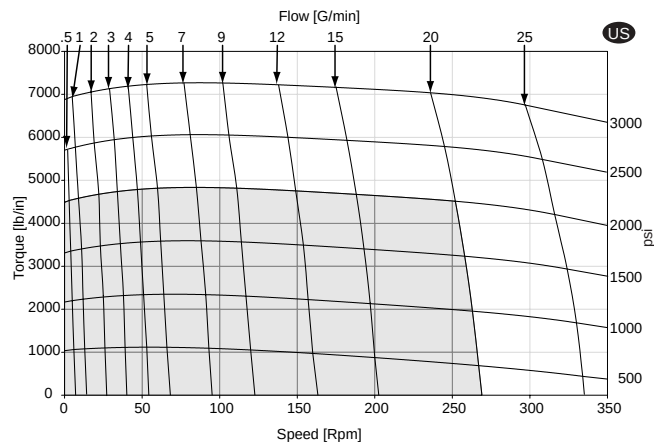
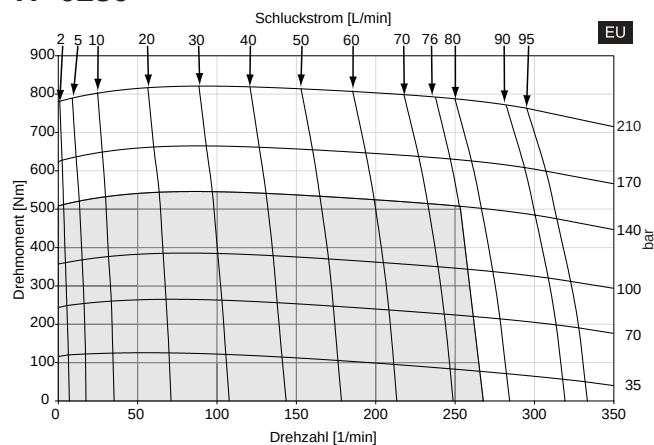
Leistungsdaten sind gemessen mit SAE 10W40 bei einer Viskosität von 43,1 Cst bei 54°C. Geringfügige Abweichungen von den Katalogerten sind möglich.

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.

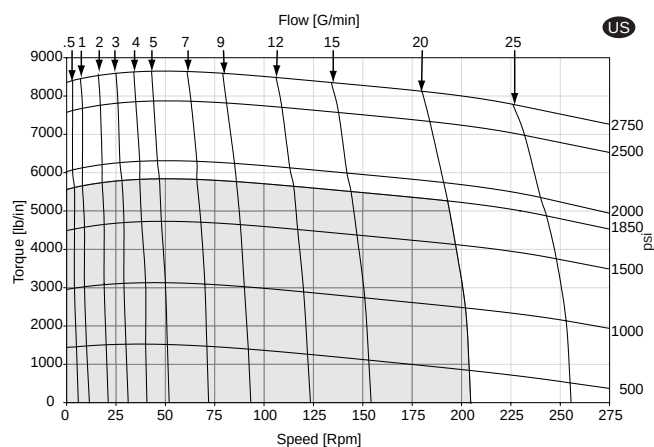
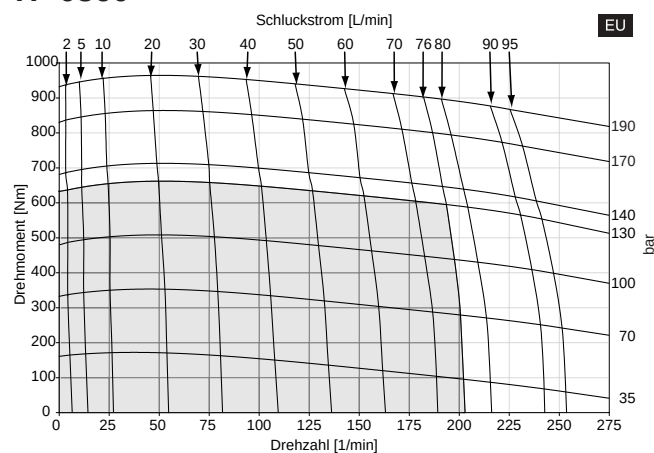
TF 0240



TF 0280



TF 0360



□ 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.

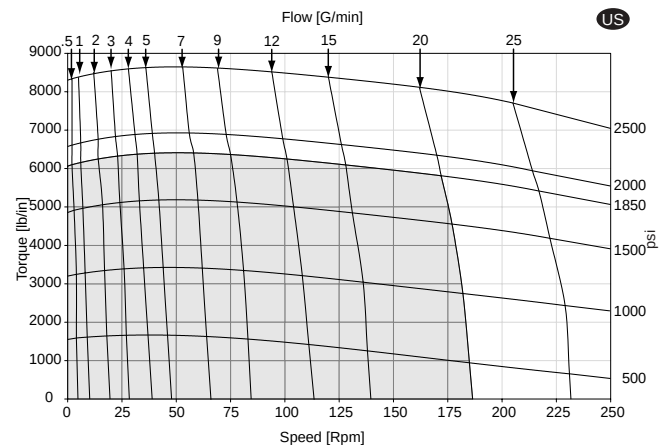
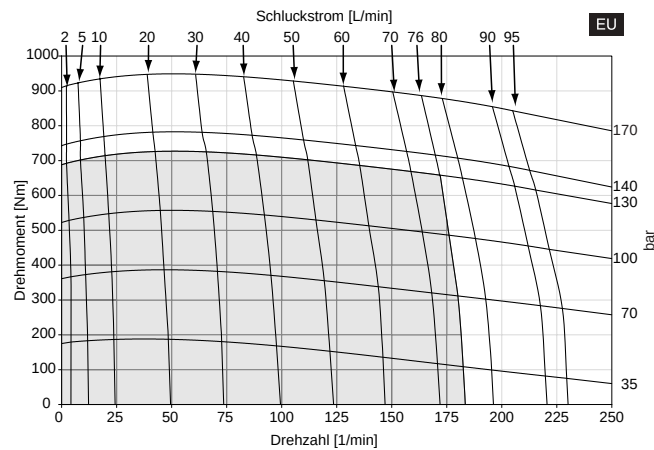
Les données sur les performances sont basées sur des tests utilisant de l'huile 10W40 d'une viscosité de 200 SUS à 54°C (130°F). Ces données correspondent à des situations typiques. Les données réelles peuvent varier légèrement d'un moteur de production à l'autre.

Intermittierende Werte maximal 10% von jeder Betriebsminute.

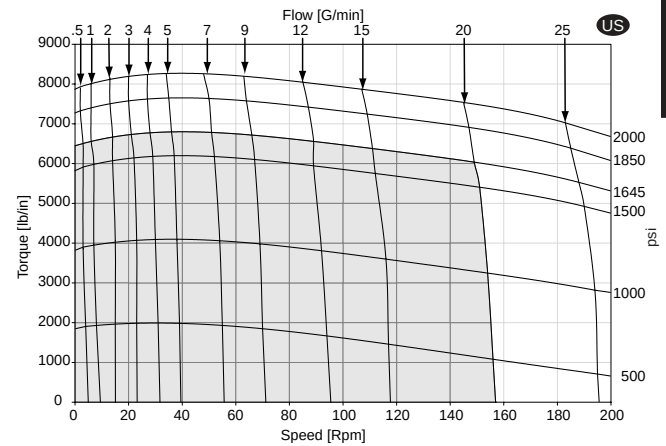
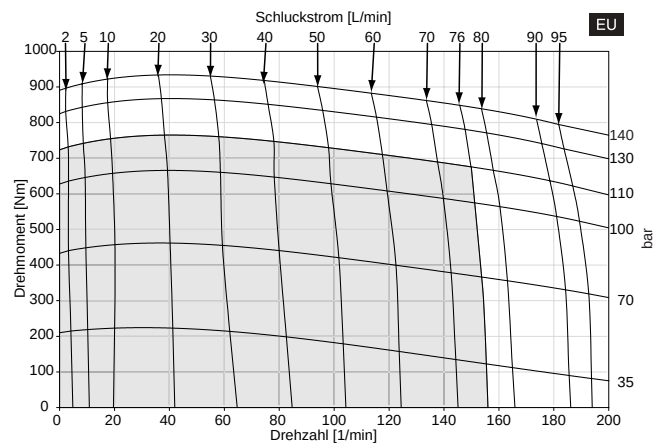
Capacidad de funcionamiento intermitente valida para 10% por cada minuto. Leistungsdaten sind gemessen mit SAE 10W40 bei einer Viskosität von 43,1 Cst bei 54°C. Geringfügige Abweichungen von den Katalogerten sind möglich.

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.

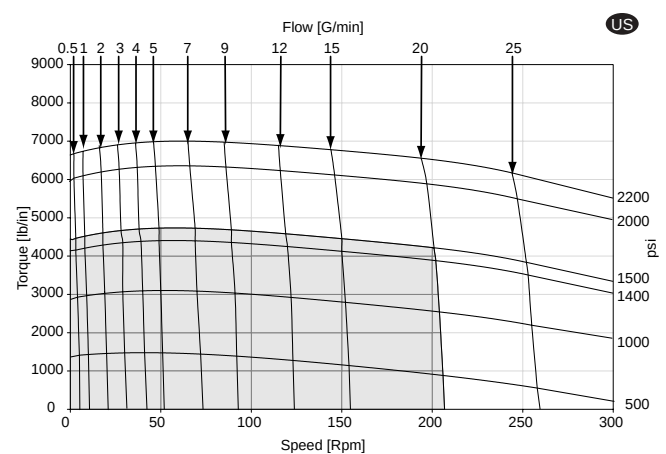
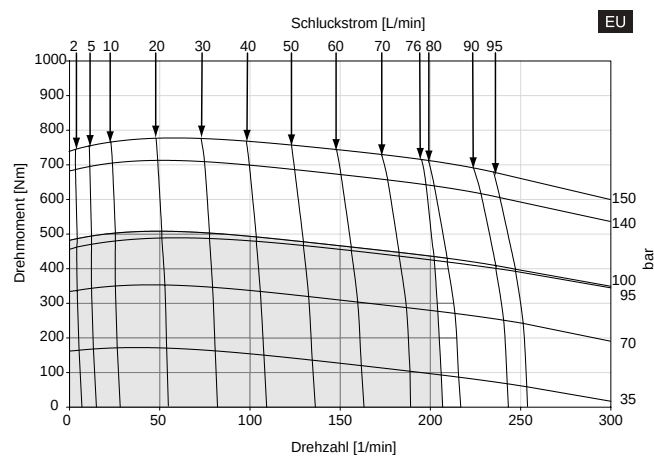
TF 0405



TF 0475



TF 0365 Clutch Motor



□ 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 TF.p65, pfm, fm

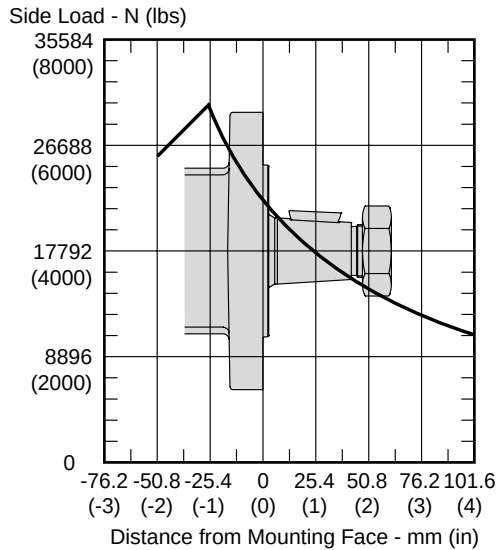
Intermittierende Werte maximal 10% von jeder Betriebsminute.

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

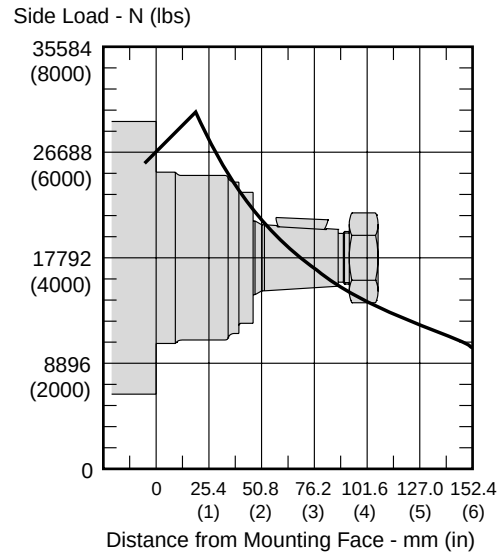
Leistungsdaten sind gemessen mit SAE 10W40 bei einer Viskosität von 43,1 Cst bei 54°C. Geringfügige Abweichungen von den Katalogerten sind möglich.

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.

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



Wheel Mount / Radnabengehäuse
Monture à roue / Montaje de rueda



The allowable side load curve is based on uni-directional steady state loads for L_{10} bearing life at 3×10^6 revolutions.

Die zulässige auslegbare radiale Wellenbelastungskurve ist unter ruhenden, einseitig statisch gerichteten Lastverhältnissen auf eine L_{10} Lebensdauer mit 3×10^6 Umdrehungen kalkuliert.

La courbe de charge latérale permise se base sur des charges unidirectionnelles en régime permanent pour le roulement L_{10} à 3×10^6 révolutions.

La curva de valores admisibles de carga lateral está basada en cargas constantes para cojinetes L_{10} a 3×10^6 revoluciones.

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

Equation to calculate the allowable side load "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

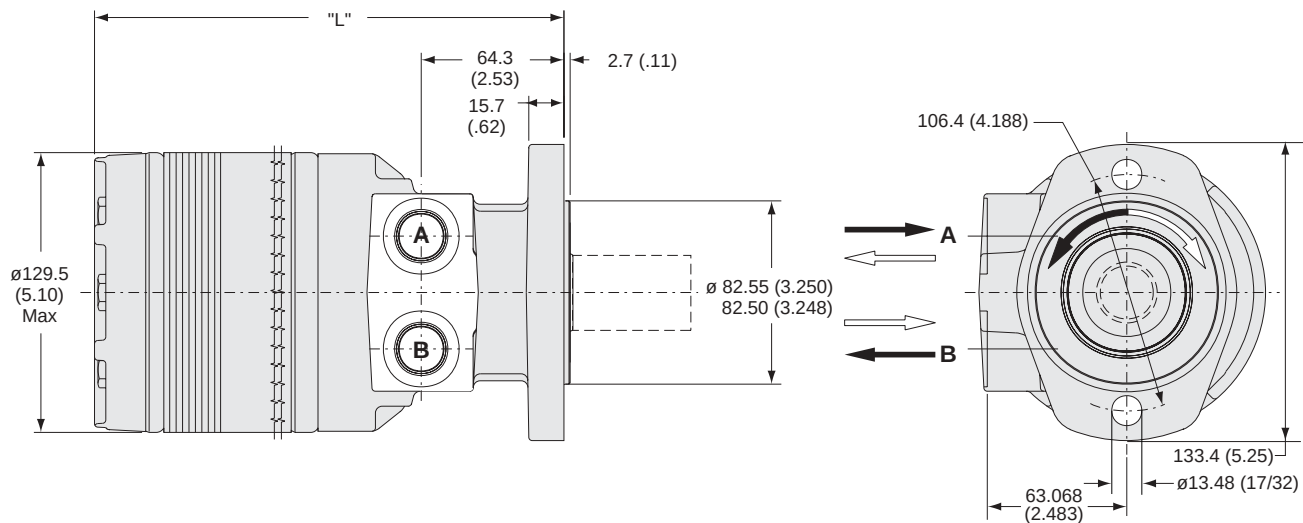
F_a = Allowable side load defined by above curve at a distance from mounting flange. / Erlaubte radiale Wellenbelastung als Funktion der Länge

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} Lebensdauer nach ISO 281.

Code: A 

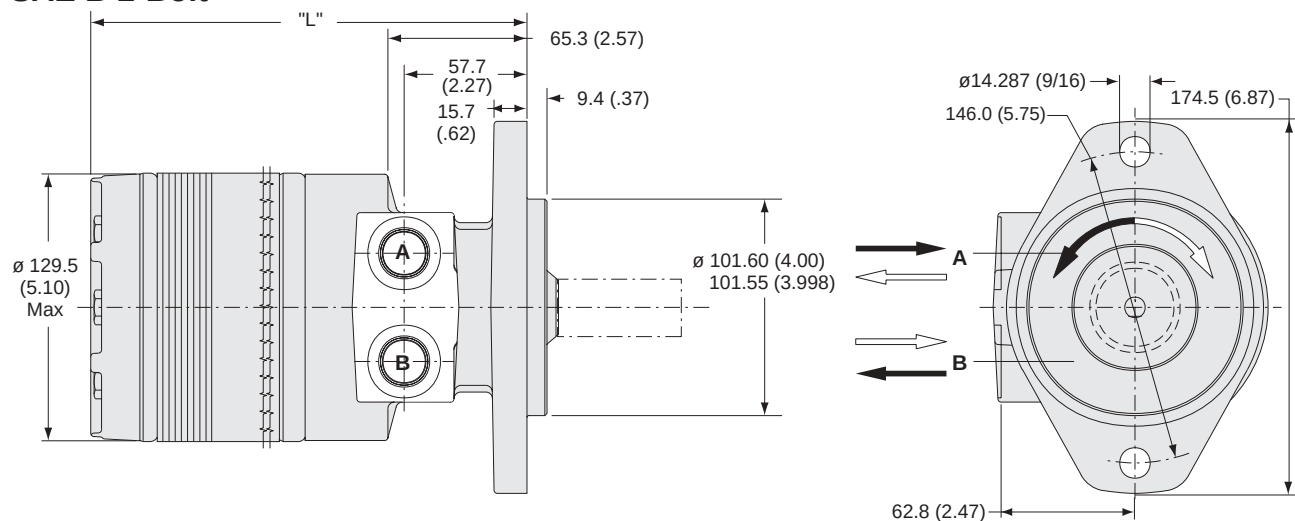
SAE A 2-Bolt



Code A	disp.	0080	0100	0130	0140	0170	0195	0240	0280	0360	0405	0475
Weight/Gewicht	kg	13.6	13.6	13.8	13.9	14.2	14.5	14.9	15.2	16.0	16.5	17.2
Poids/Peso	(lb)	(29.9)	(30.0)	(30.5)	(30.7)	(31.3)	(31.9)	(32.9)	(33.5)	(35.2)	(36.4)	(37.9)
Length	"L" mm	191	191	194	196	199	202	207	211	221	225	234
	"L" (in)	(7.51)	(7.51)	(7.63)	(7.70)	(7.82)	(7.95)	(8.13)	(8.32)	(8.70)	(8.87)	(9.20)

Code: B 

SAE B 2-Bolt



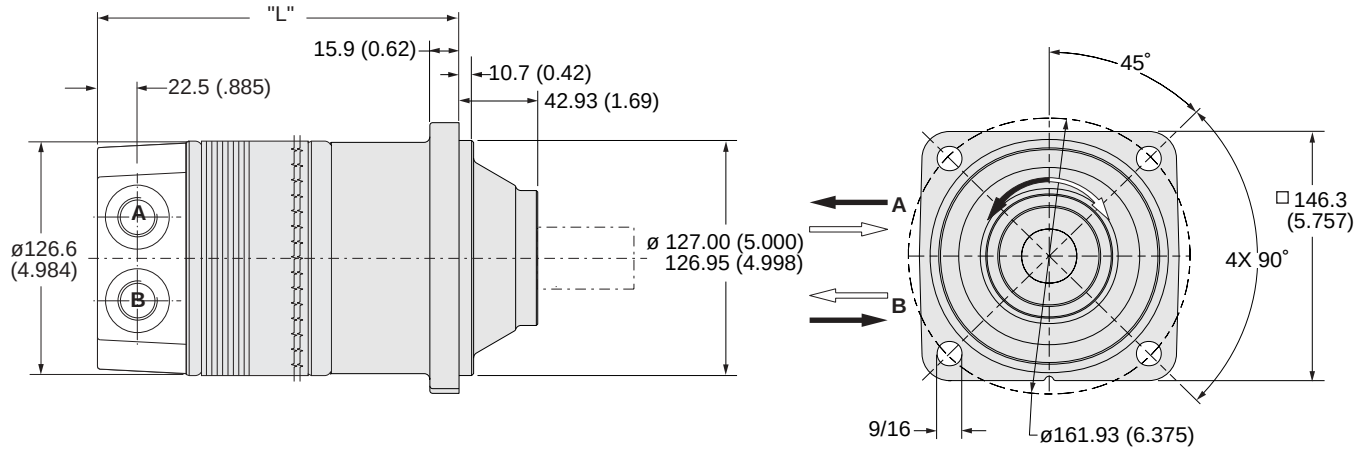
Code B	disp.	0080	0100	0130	0140	0170	0195	0240	0280	0360	0405	0475
Weight/Gewicht	kg	14.2	14.2	14.5	14.6	14.8	15.1	15.5	15.8	16.6	17.1	17.8
Poids/Peso	(lb)	(31.3)	(31.4)	(31.9)	(32.1)	(32.7)	(33.3)	(34.3)	(34.9)	(36.6)	(37.8)	(39.3)
Length	"L" mm	184	184	187	189	192	195	200	205	214	218	227
	"L" (in)	(7.25)	(7.25)	(7.37)	(7.44)	(7.56)	(7.69)	(7.87)	(8.06)	(8.44)	(8.60)	(8.94)

English equivalents for metric specifications are shown in ().

Global TF.p65, pfm, fm

Code: D 

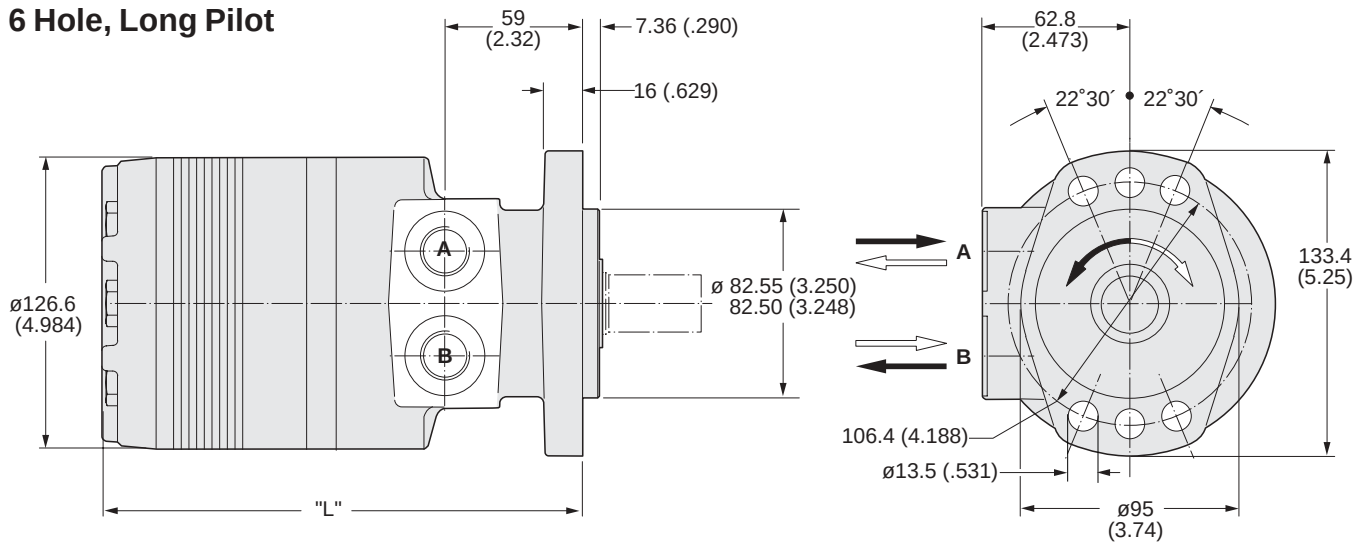
Large Wheel Mount



Code D	disp.	0080	0100	0130	0140	0170	0195	0240	0280	0360	0405	0475
Weight/Gewicht	kg	16.9	16.9	17.2	17.3	17.5	17.8	18.2	18.5	19.3	19.8	20.5
Poids/Peso	lb	37.2	37.3	37.8	38.0	38.6	39.2	40.2	40.8	42.5	43.7	45.2
Length	"L" mm	173	173	176	179	182	185	190	195	201	209	217
	"L" (in)	(6.81)	(6.81)	(6.91)	(7.04)	(7.17)	(7.29)	(7.48)	(7.67)	(7.91)	(8.21)	(8.54)

Code: E 

6 Hole, Long Pilot



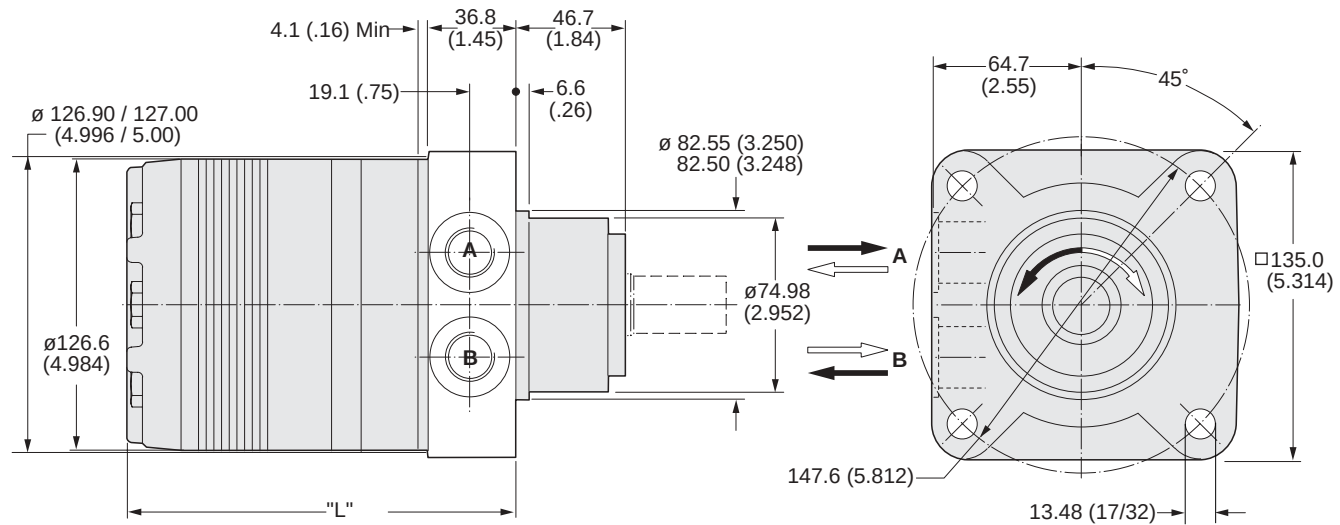
Code E	disp.	0080	0100	0130	0140	0170	0195	0240	0280	0360	0405	0475
Weight/Gewicht	kg	13.6	13.6	13.8	13.9	14.2	14.5	14.9	15.2	16.0	16.5	17.2
Poids/Peso	(lb)	(29.9)	(30.0)	(30.5)	(30.7)	(31.3)	(31.9)	(32.9)	(33.5)	(35.2)	(36.4)	(37.9)
Length	"L" mm	186	186	189	191	194	197	202	206	215	220	229
	"L" (in)	(7.32)	(7.32)	(7.44)	(7.51)	(7.63)	(7.76)	(7.95)	(8.11)	(8.46)	(8.66)	(9.02)

English equivalents for metric specifications are shown in ().

Global TF,p65, pfm, fm

Code: H 

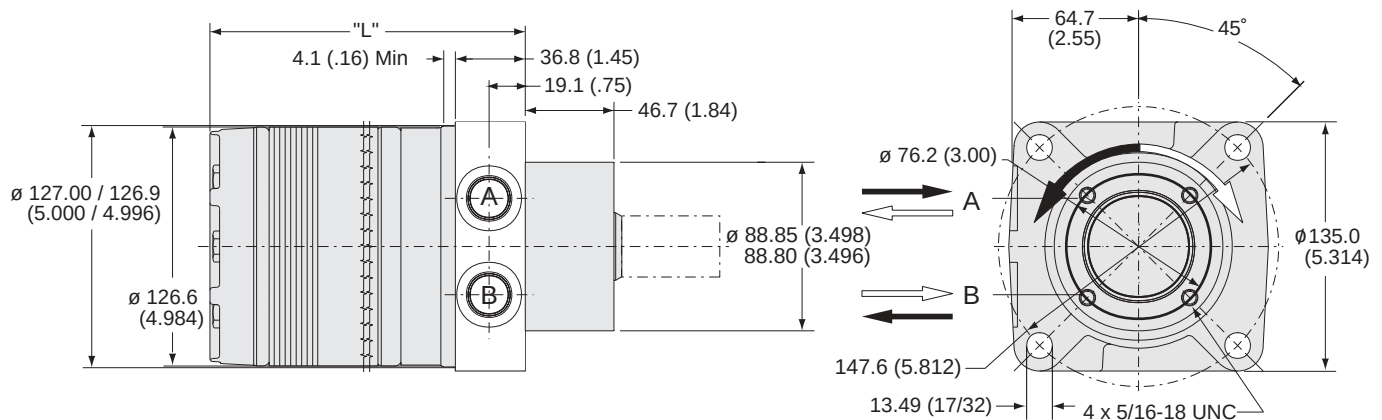
Wheel, Machine Nose



Code H	disp.	0080	0100	0130	0140	0170	0195	0240	0280	0360	0405	0475
Weight/Gewicht	kg	14.0	14.0	14.2	14.3	14.6	14.9	15.3	15.6	16.3	17.0	17.5
Poids/Peso	(lb)	(30.9)	(30.9)	(31.2)	(31.5)	(32.1)	(32.9)	(33.7)	(34.4)	(35.9)	(37.5)	(38.6)
Length	"L" mm	146	146	149	151	154	157	162	167	176	180	189
	"L" (in)	(5.73)	(5.73)	(5.85)	(5.92)	(6.04)	(6.17)	(6.35)	(6.54)	(6.92)	(7.08)	(7.42)

Code: L 

Wheel, Front Brake Nose



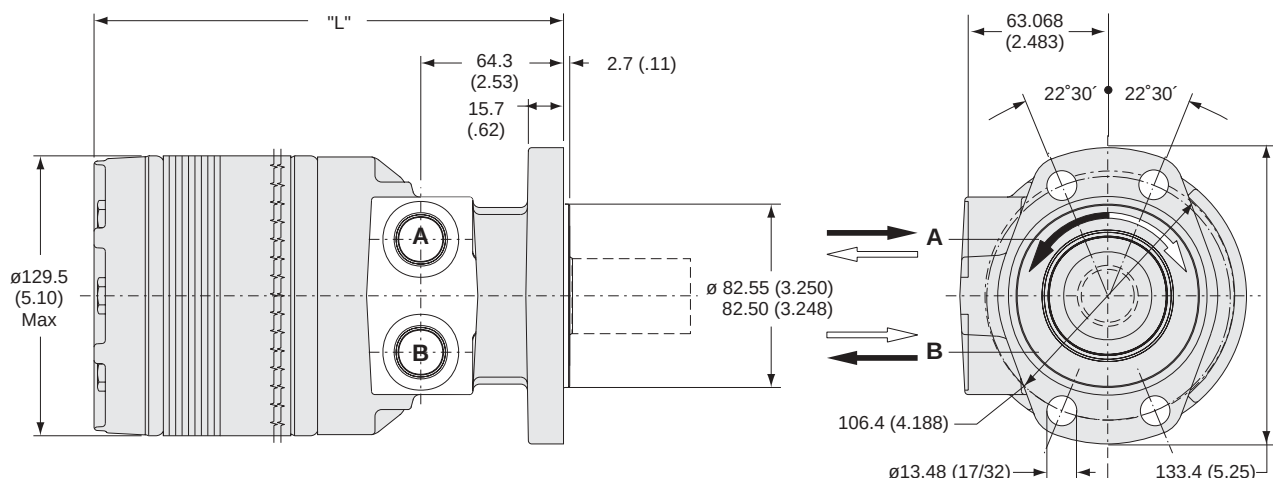
Code L	disp.	0080	0100	0130	0140	0170	0195	0240	0280	0360	0405	0475
Weight/Gewicht	kg	14.0	14.0	14.2	14.3	14.6	14.9	15.3	15.6	16.3	17.0	17.5
Poids/Peso	(lb)	(30.9)	(30.9)	(31.2)	(31.5)	(32.1)	(32.9)	(33.7)	(34.4)	(35.9)	(37.5)	(38.6)
Length	"L" mm	146	146	149	151	154	157	162	167	175	180	189
	"L" (in)	(5.73)	(5.73)	(5.85)	(5.92)	(6.04)	(6.17)	(6.35)	(6.54)	(6.92)	(7.08)	(7.42)

English equivalents for metric specifications are shown in ().

Global TF.p65, pfm, fm

Code: M  

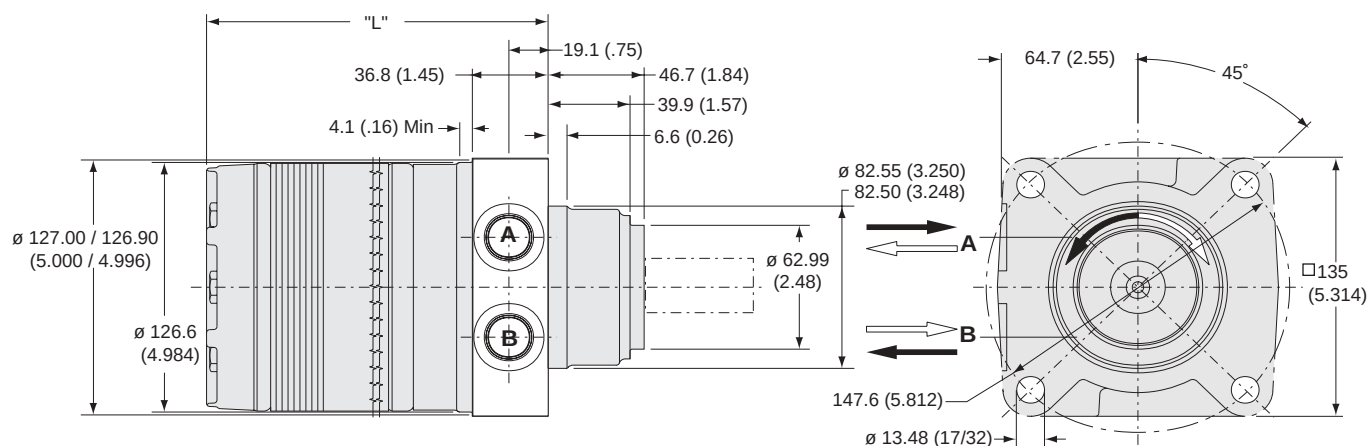
Magneto



Code M	disp.	0080	0100	0130	0140	0170	0195	0240	0280	0360	0405	0475
Weight/Gewicht	kg	13.6	13.6	13.8	13.9	14.2	14.5	14.9	15.2	16.0	16.5	17.2
Poids/Peso	(lb)	(29.9)	(30.0)	(30.5)	(30.7)	(31.3)	(31.9)	(32.9)	(33.5)	(35.2)	(36.4)	(37.9)
Length	"L" mm	191	191	194	196	199	202	207	211	221	225	234
	"L" (in)	(7.51)	(7.51)	(7.63)	(7.70)	(7.82)	(7.95)	(8.13)	(8.32)	(8.70)	(8.87)	(9.20)

Code: U 

Wheel, Standard



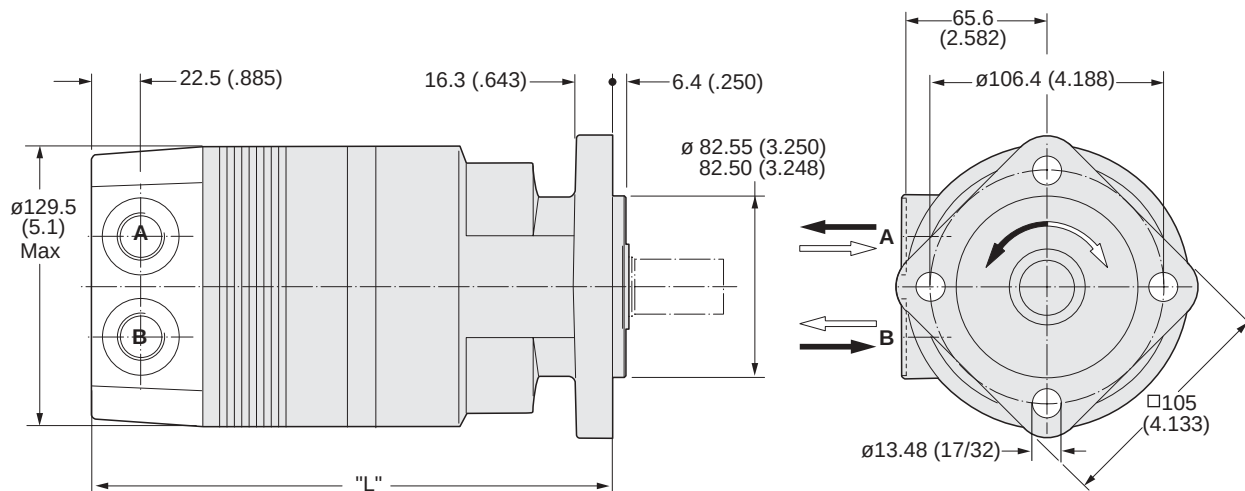
Code U	disp.	0080	0100	0130	0140	0170	0195	0240	0280	0360	0405	0475
Weight/Gewicht	kg	13.9	13.9	14.2	14.3	14.5	14.8	15.2	15.5	16.3	16.9	17.5
Poids/Peso	(lb)	(30.6)	(30.7)	(31.2)	(31.5)	(32.0)	(32.7)	(33.6)	(34.2)	(35.9)	(37.2)	(38.6)
Length	"L" mm	146	146	149	151	154	157	162	167	176	180	189
	"L" (in)	(5.73)	(5.73)	(5.85)	(5.92)	(6.04)	(6.17)	(6.35)	(6.54)	(6.92)	(7.08)	(7.42)

English equivalents for metric specifications are shown in ().

Global TF,p65, pfm, fm

Code: V EU US

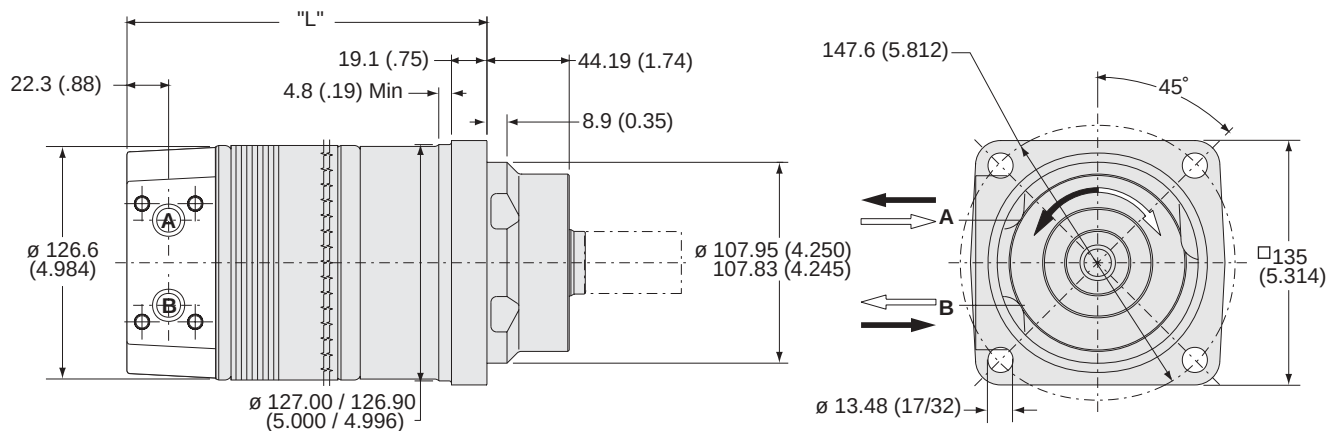
SAE "A" 4 Bolt



Code V	disp.	0080	0100	0130	0140	0170	0195	0240	0280	0360	0405	0475
Weight/Gewicht	kg	14.0	14.0	14.2	14.3	14.6	14.9	15.3	15.6	16.3	17.0	17.5
Poids/Peso	(lb)	30.9	30.9	31.2	31.5	32.1	32.9	33.7	34.4	35.9	37.5	38.6
Length	"L" mm	213	213	216	218	221	224	229	233	242	247	256
	"L" (in)	8.39	8.39	8.49	8.60	8.70	8.82	9.02	9.17	9.53	9.72	10.08

Code: W US

Wheel, Optional



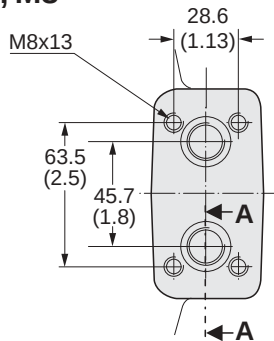
Code W	disp.	0080	0100	0130	0140	0170	0195	0240	0280	0360	0405	0475
Weight/Gewicht	kg	16.9	16.9	17.2	17.3	17.5	17.8	18.2	18.5	19.3	19.8	20.5
Poids/Peso	lb	37.2	37.3	37.8	38.0	38.6	39.2	40.2	40.8	42.5	43.7	45.2
Length	"L" mm	173	173	176	178	181	184	189	194	203	207	216
	"L" in	6.80	6.80	6.93	6.99	7.11	7.24	7.43	7.61	7.99	8.15	8.49

English equivalents for metric specifications are shown in ().

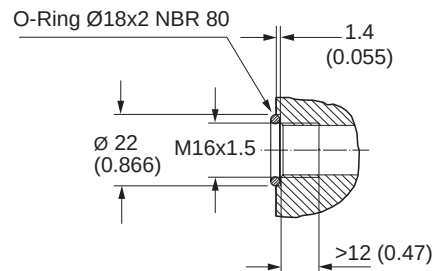
Global TF.p65, pfm, fm

Code: N 

Manifold, M8



A-A



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

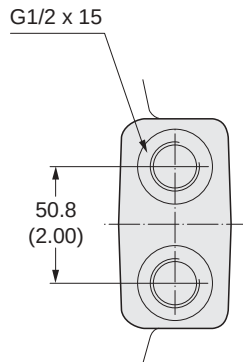
Zum Motor mit Universalanschluß werden 2 o-ringe geliefert.

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

Il blocchetto connessioni é corredato da 2 OR.

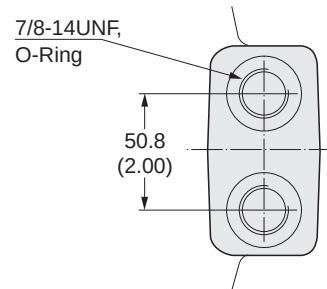
Code: W 

G 1/2



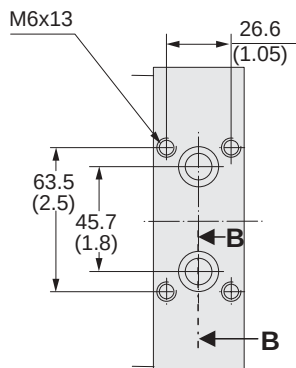
Code: V 

7/8 O-Ring

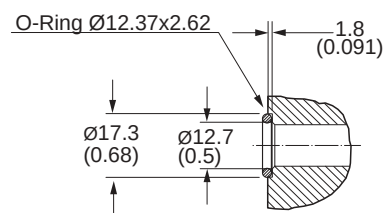


Code: K 

Manifold, M6



B-B



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.

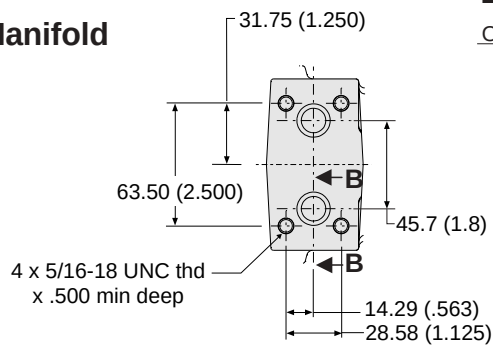
Il blocchetto connessioni é corredato da 2 OR.

English equivalents for metric specifications are shown in ().

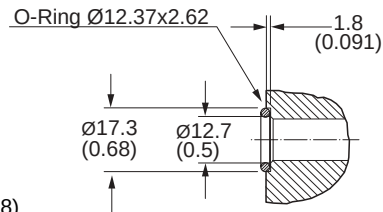
Global TF.p65, pfm, fm

Code: M 

Manifold



B-B



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

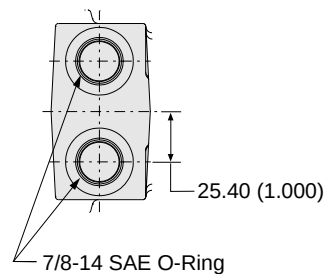
Zum Motor mit Universalanschluß werden 2 o-ringe geliefert.

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

Il blocchetto connessioni é corredato da 2 OR.

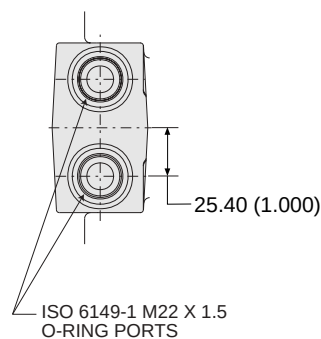
Code: S 

7/8-14 SAE O-Ring



Code: H 

ISO 6149 M22 x 1.5

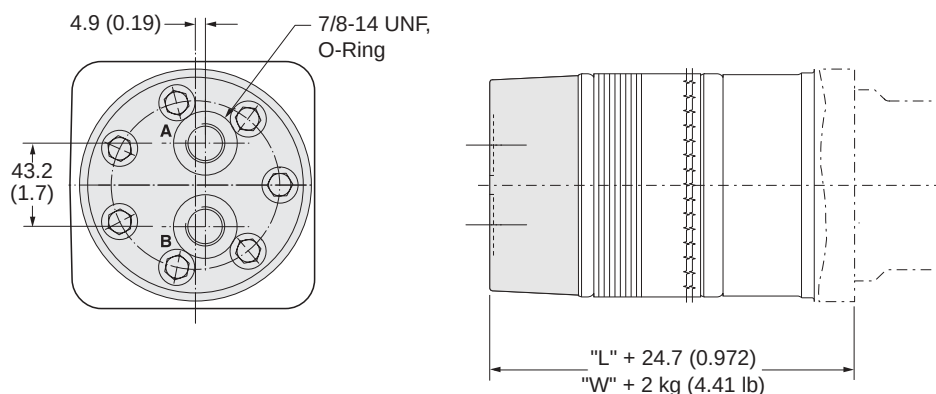


English equivalents for metric specifications are shown in ().

Global TF.p65, pfm, fm

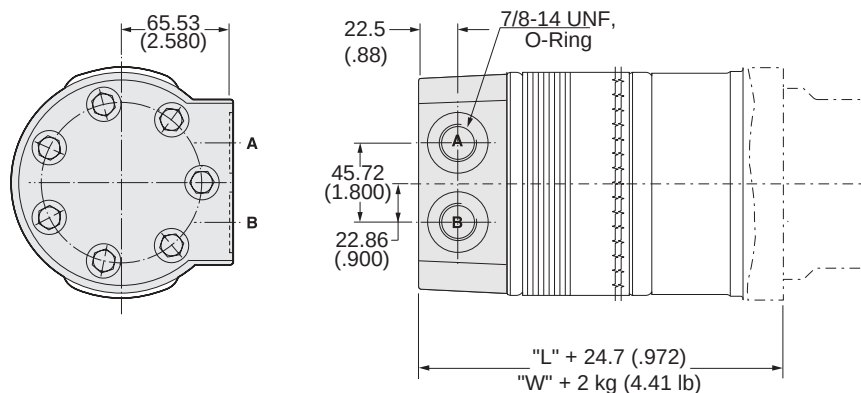
Code: A  

7/8-14 UNF, Axial



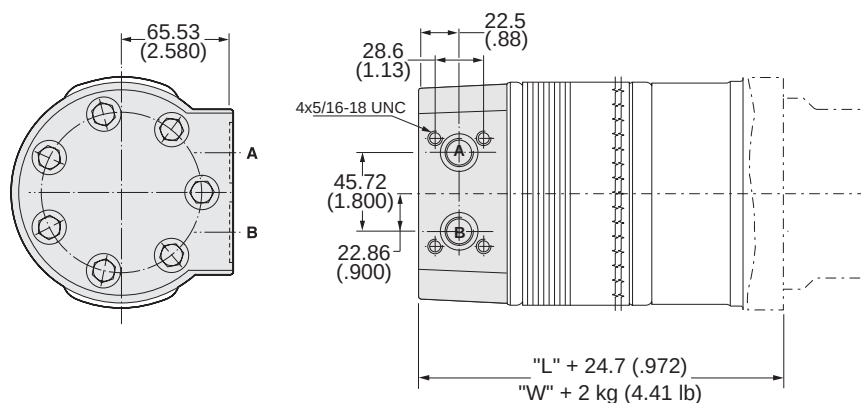
Code: B  

7/8-14 UNF, Radial



Code: E 

Manifold



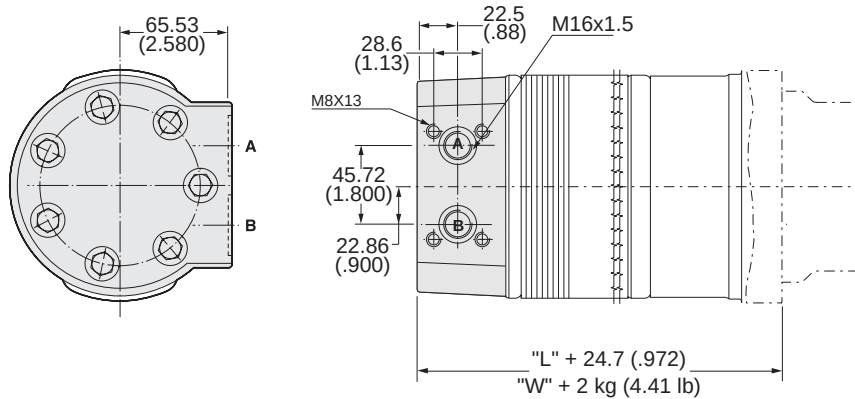
See pages C97 - C101 for length " L " and Weight " W ".
Längen " L " / Gewichte "W" siehe Seite C97...C101.
Voir page C97-C101 pour les longueurs "L" et les poids "W"
Consultar en la Página C97-C101 los valores de largo "L" y peso "W".

English equivalents for metric specifications are shown in ().

Global TF.p65, pfm, fm

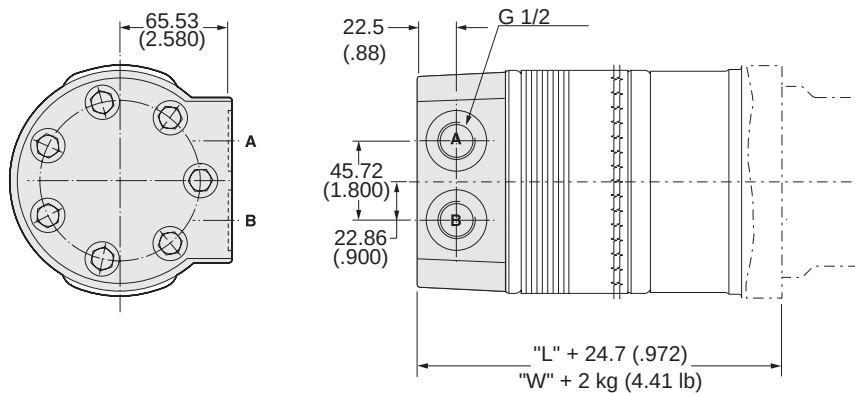
Code: L **EU**

Manifold, M8



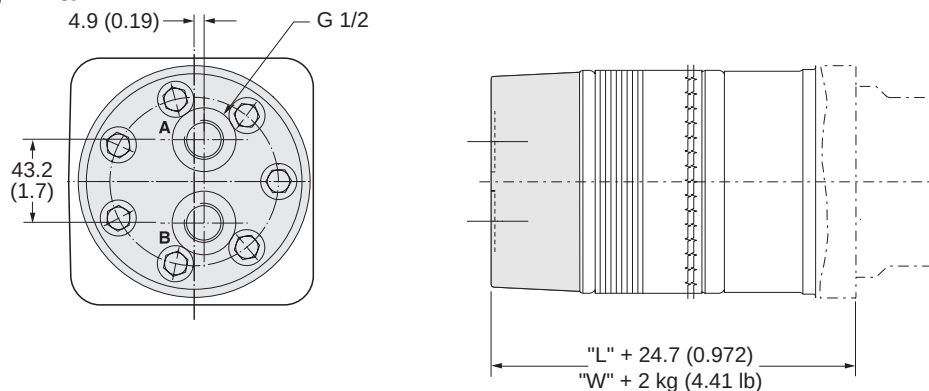
Code: X **EU**

G 1/2, Radial



Code: Y **EU**

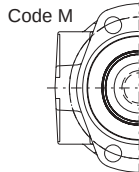
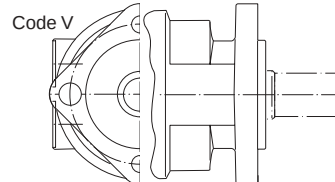
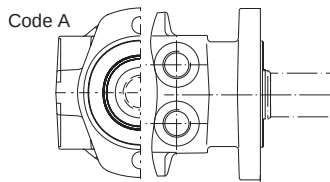
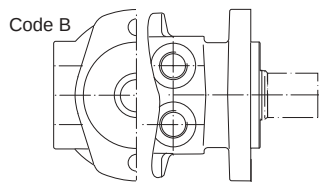
G 1/2, Axial



See pages C97 - C101 for length " L " and Weight " W ".
Längen " L " / Gewichte "W" siehe Seite C97...C101.
Voir page C97-C101 pour les longueurs "L" et les poids "W"
Consultar en la Página C97-C101 los valores de largo "L" y peso "W".

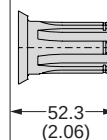
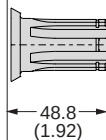
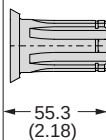
English equivalents for metric specifications are shown in ().

Global TF.p65, pfm, fm



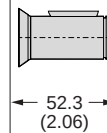
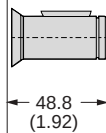
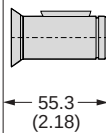
Code: 01 

1" 6B Spline



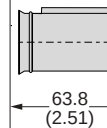
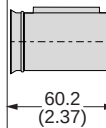
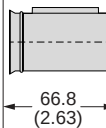
Code: 02 

1" Keyed



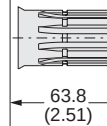
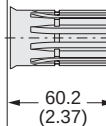
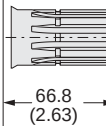
Code: 03 

1 1/4" Keyed



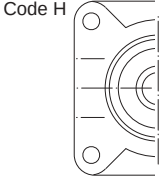
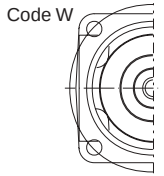
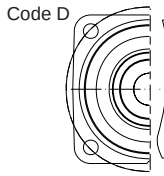
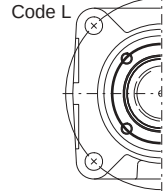
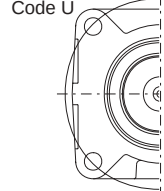
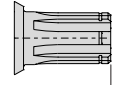
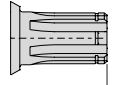
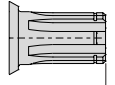
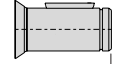
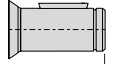
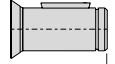
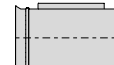
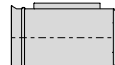
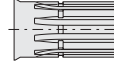
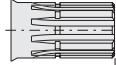
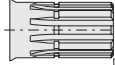
Code: 04 

10B Spline



English equivalents for metric specifications are shown in ().

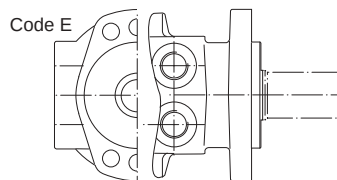
Global TF:p65, pfm, fm

	Code H	Code W	Code D
			
			
			
Code: 01 ^{US} 1" 6B Spline	 94.0 (3.70)	 91.4 (3.60)	 89.9 (3.54)
Code: 02 ^{US} 1" Keyed	 94.0 (3.70)	 91.4 (3.60)	 89.9 (3.54)
Code: 03 ^{US} 1 1/4" Keyed	 105.4 (4.15)	 102.9 (4.05)	 101.3 (3.99)
Code: 04 ^{US} 10B Spline	 105.4 (4.15)	 102.9 (4.05)	 101.3 (3.99)

C

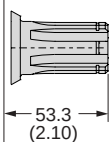
English equivalents for metric specifications are shown in ().

Global TF.p65, pfm, fm



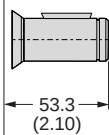
Code: 01 

1" 6B Spline



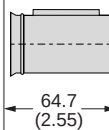
Code: 02 

1" Keyed



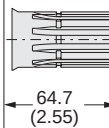
Code: 03 

1 1/4" Keyed



Code: 04 

10B Spline

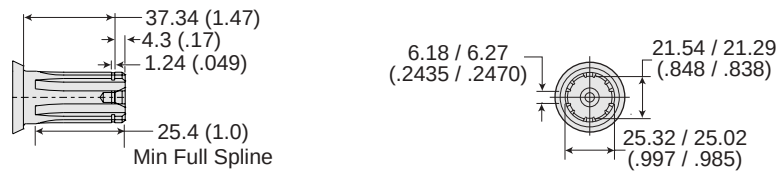


English equivalents for metric specifications are shown in ().

Global TF.p65, pfm, fm

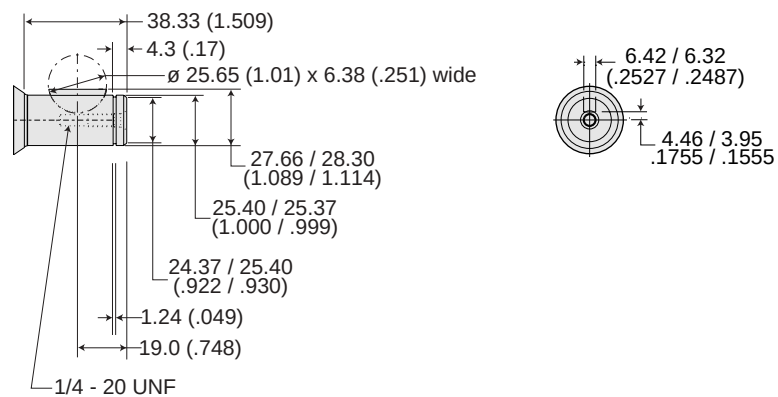
Code: 01 

1" 6B Spline



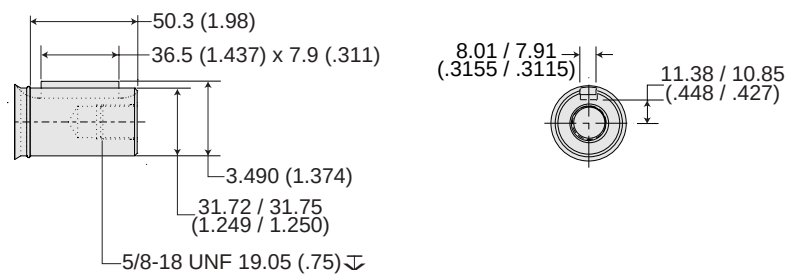
Code: 02 

1" Keyed



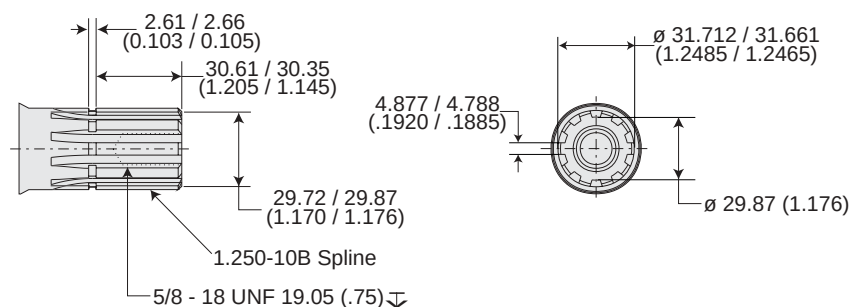
Code: 03 

1 1/4" Keyed



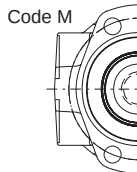
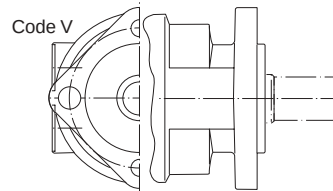
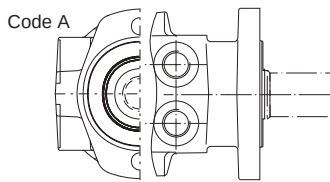
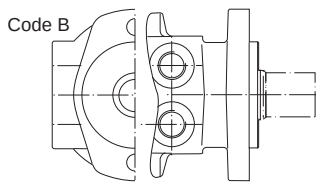
Code: 04 

10B Spline



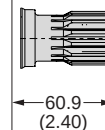
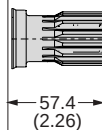
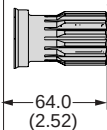
English equivalents for metric specifications are shown in ().

Global TF.p65, pfm, fm



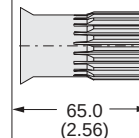
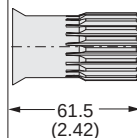
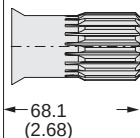
Code: 05 US

1 1/4" 14 Tooth Spline



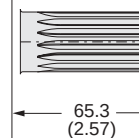
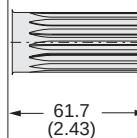
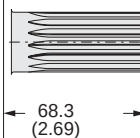
Code: 06 US

19 Tooth Spline



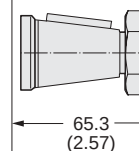
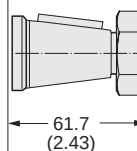
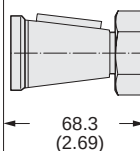
Code: 07 US

15 Tooth Spline



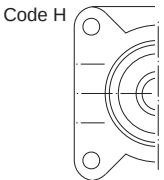
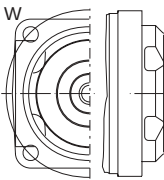
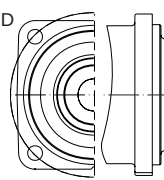
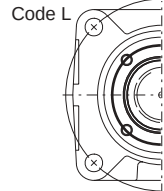
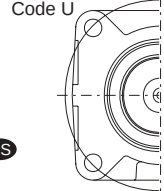
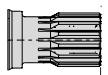
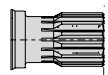
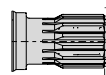
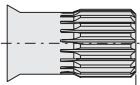
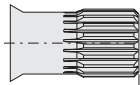
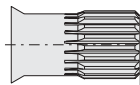
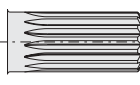
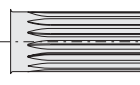
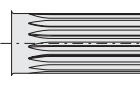
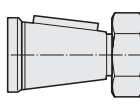
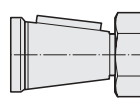
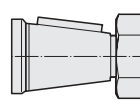
Code: 08 EU US

1 1/4" Tapered



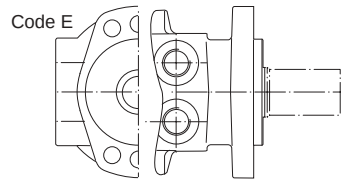
English equivalents for metric specifications are shown in ().

Global TF.p65, pfm, fm

	Code H	Code W	Code D
			
			
			
Code: 05 US			
1 1/4" 14 Tooth Spline	102.6 (4.04)	100.1 (3.94)	98.6 (3.88)
Code: 06 US			
19 Tooth Spline	106.7 (4.20)	104.1 (4.10)	102.6 (4.04)
Code: 07 US			
15 Tooth Spline	106.9 (4.21)	104.4 (4.11)	102.9 (4.05)
Code: 08 EU US			
1 1/4" Tapered	106.9 (4.21)	104.4 (4.11)	102.9 (4.05)

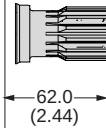
English equivalents for metric specifications are shown in ().

Global TF.p65, pfm, fm



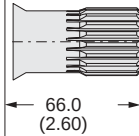
Code: 05 

1 1/4" 14 Tooth
Spline



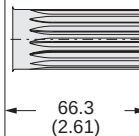
Code: 06 

19 Tooth Spline



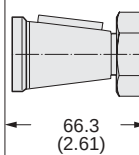
Code: 07 

15 Tooth Spline



Code: 08  

1 1/4" Tapered

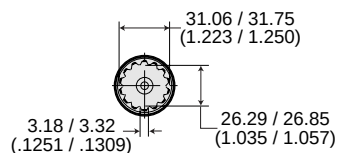
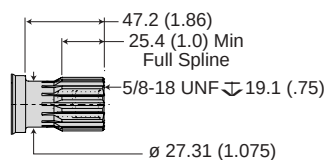


English equivalents for metric specifications are shown in ().

Global TF,p65, pfm, fm

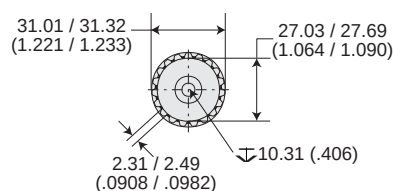
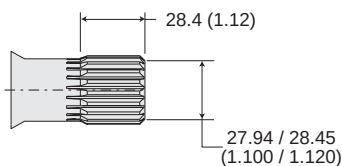
Code: 05 US

1 1/4" 14 Tooth Spline



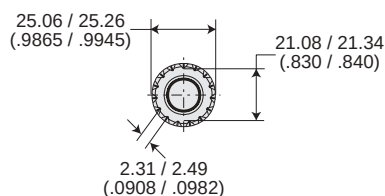
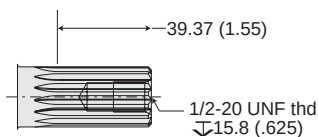
Code: 06 US

19 Tooth Spline



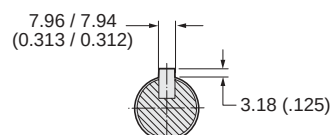
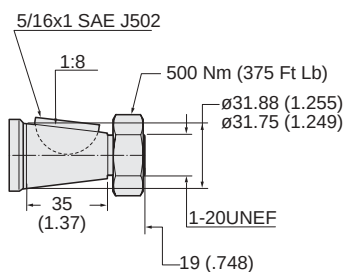
Code: 07 US

15 Tooth Spline



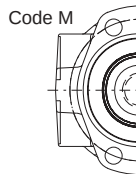
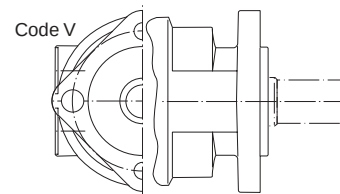
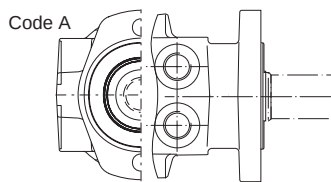
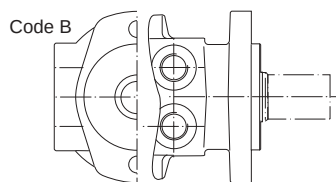
Code: 08 EU US

1 1/4" Tapered



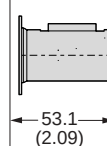
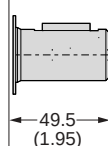
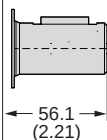
English equivalents for metric specifications are shown in ().

Global TF.p65, pfm, fm



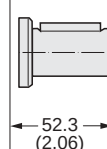
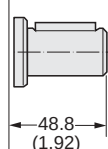
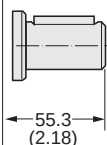
Code: 22 

25mm Keyed



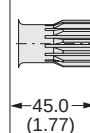
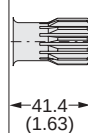
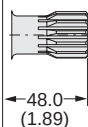
Code: 26 

**25mm Keyed
Stainless Steel**



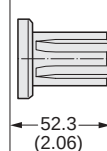
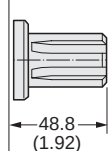
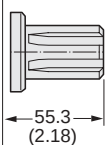
Code: 28 

13 Tooth Spline



Code: 41 

Long 6B



English equivalents for metric specifications are shown in ().

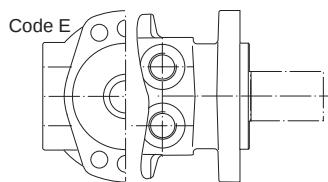
Global TF.p65, pfm, fm

	Code H	Code W	Code D
Code L			
Code U			
Code: 22 ^{US}			
25mm Keyed	94.7 (3.73)	92.2 (3.63)	90.7 (3.57)
Code: 26 ^{EU}			
25mm Keyed Stainless Steel	94.0 (3.70)	91.4 (3.60)	89.9 (3.54)
Code: 28 ^{US}			
13 Tooth Spline	86.6 (3.41)	84.1 (3.31)	82.6 (3.25)
Code: 41 ^{EU}			
Long 6B	94.0 (3.70)	91.4 (3.60)	89.9 (3.54)



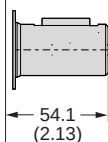
English equivalents for metric specifications are shown in ().

Global TF.p65, pfm, fm



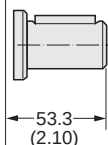
Code: 22 **US**

25mm Keyed



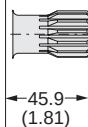
Code: 26 **EU**

25mm Keyed
Stainless Steel



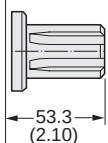
Code: 28 **US**

13 Tooth Spline



Code: 41 **EU**

Long 6B

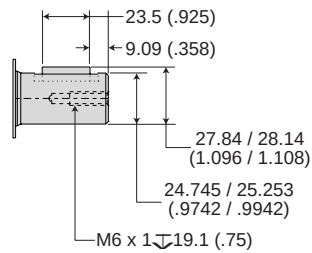


English equivalents for metric specifications are shown in ().

Global TF,p65, pfm, fm

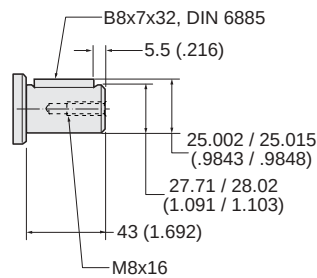
Code: 22 

25mm Keyed



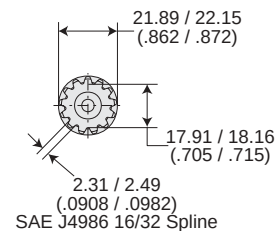
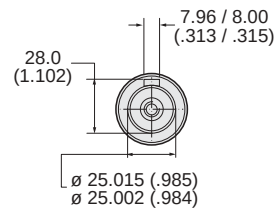
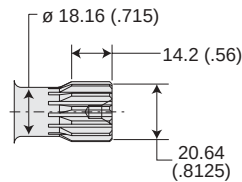
Code: 26 

**25mm Keyed
Stainless Steel**



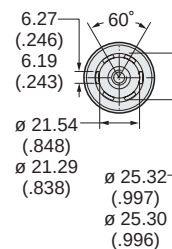
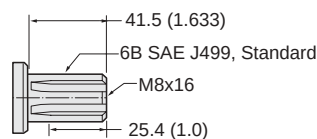
Code: 28 

13 Tooth Spline



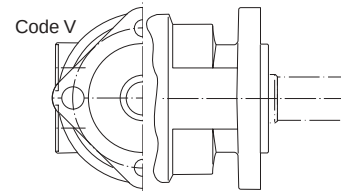
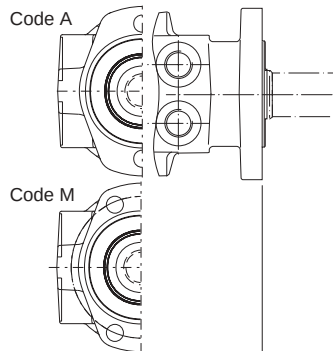
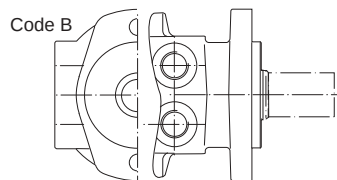
Code: 41 

Long 6B



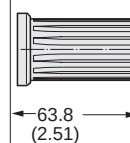
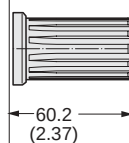
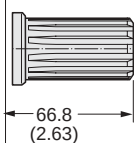
English equivalents for metric specifications are shown in ().

Global TF.p65, pfm, fm



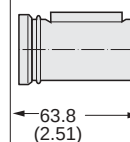
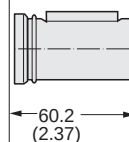
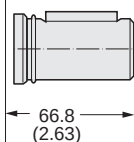
Code: 44 EU

14 Tooth Spline



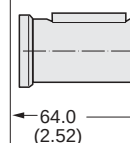
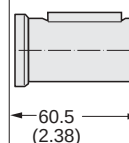
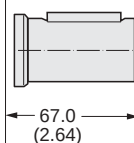
Code: 45 EU

1 1/4" Keyed



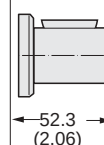
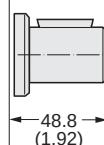
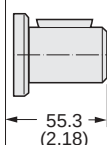
Code: 46 EU

32mm Keyed



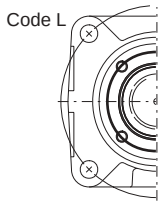
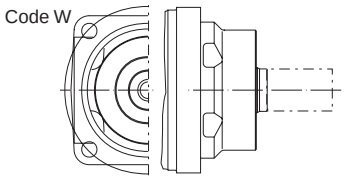
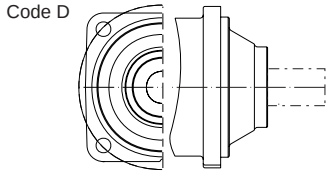
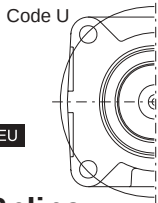
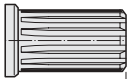
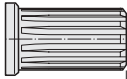
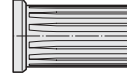
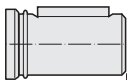
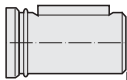
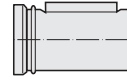
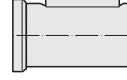
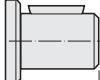
Code: 47 EU

Woodruff Keyed



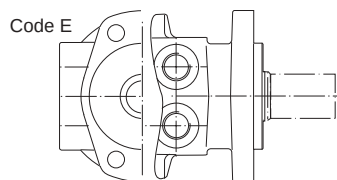
English equivalents for metric specifications are shown in ().

Global TF.p65, pfm, fm

	Code H	Code W	Code D
Code L			
Code U			
Code: 44 EU 14 Tooth Spline	 105.4 (4.15)	 102.9 (4.05)	 101.3 (3.99)
Code: 45 EU 1 1/4" Keyed	 105.4 (4.15)	 102.9 (4.05)	 101.3 (3.99)
Code: 46 EU 32mm Keyed	 105.7 (4.16)	 103.1 (4.06)	 101.6 (4.00)
Code: 47 EU Woodruff Keyed	 94.0 (3.70)	 91.4 (3.60)	 89.9 (3.54)

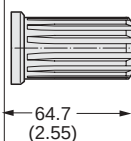
English equivalents for metric specifications are shown in ().

Global TF.p65, pfm, fm



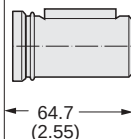
Code: 44 **EU**

14 Tooth Spline



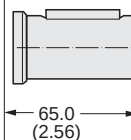
Code: 45 **EU**

1 1/4" Keyed



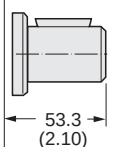
Code: 46 **EU**

32mm Keyed



Code: 47 **EU**

Woodruff Keyed

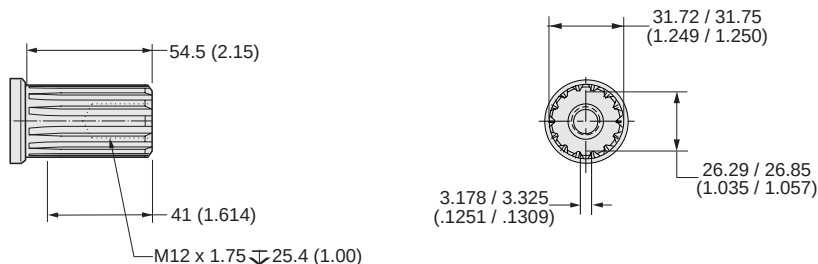


English equivalents for metric specifications are shown in ().

Global TF,p65, pfm, fm

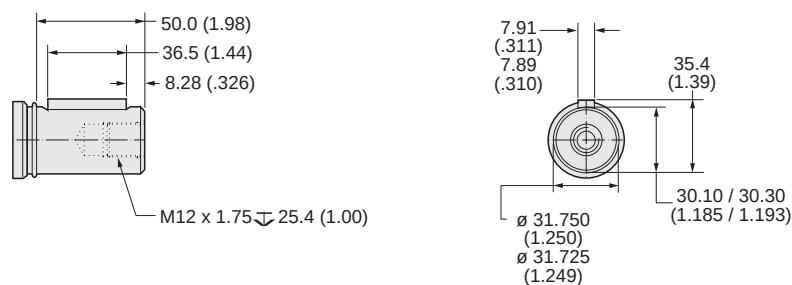
Code: 44 EU

14 Tooth Spline



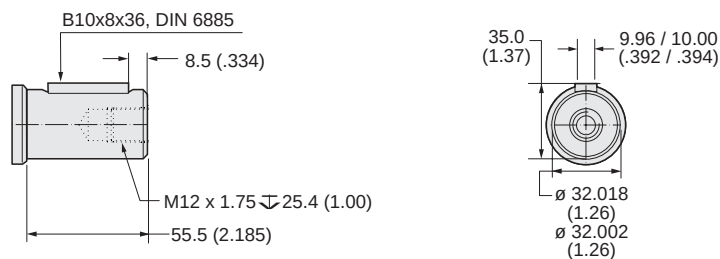
Code: 45 EU

1 1/4" Keyed



Code: 46 EU

32mm Keyed



Code: 47 EU

Woodruff Keyed



English equivalents for metric specifications are shown in ().

Global TF.p65, pfm, fm

TF

Series

XXXX

Displacement
Schluckvolumen
Cylindrée
Desplazamiento

Code	cm ³ /U / cm ³ /rev cm ³ /tr / cm ³ /giro
0080	4.9 / 81
0100	6.1 / 100
0130	7.8 / 128
0140	8.6 / 141
0170	10.3 / 169
0195	12.0 / 195
0240	14.5 / 237
0280	17.1 / 280
0360	22.2 / 364
0405	24.7 / 405
0475	29.1 / 477

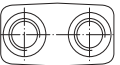
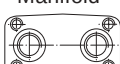
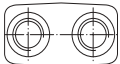
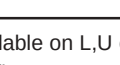
X

Mounting
Gehäuse
Carter
Montaje

Code	Mounting	Avail.
A	SAE "A" 2 Bolt 	US
B	SAE "B" 2 Bolt 	US
L	Wheel, Front Brake Nose 	US
M	Magneto 	EU US
U	Wheel, Standard 	US
W*	Wheel, Optional 	US
E	6 Hole, Long Pilot 	US
H	Wheel, Machine Nose 	EU
V*	SAE "A" 4 Bolt 	EU US
D*	Large Wheel Mount 	US

X

Ports
Anschluß
Plan de raccordement
Lumbreras

Code		Avail.
H	ISO 6149 M22 x 1.5 	US
S	7/8-14 SAE 	US
M	5/16-18 UNC Manifold ¹ 	US
W	G 1/2 	EU
V	7/8 - 14 SAE 	EU
N ¹	M8 	EU
K ²	M6 	EU

¹ Not available on L,U or W
Mounting
Nicht Verfügbar für L,U und H
Gehäuse
Pas disponible pour carter
L,U,H
?????

² Only available with with
Mounting H
Nur möglich Gehäuse H
Possible seulement avec
carter H
???

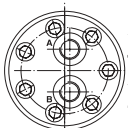
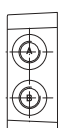
* Requires rear porting.
Nur Endanschluss möglich
Possible seulement avec orifice
arriere
???

US US Standard
EU Euro Standard

XX

Shaft
Welle
Arbre
Eje

Rear Ports
Endanschluß
Alimentazione Laterale
Orifices arriér

Code		Avail.
A	Axial 	7/8-14 US
Y		G 1/2 EU
B	Radial 	7/8-14 US
X		G 1/2 EU
E	Manifold 	5/16-18 US
L		M8x13 EU

Code	Shaft	Avail.
01*	1" 6B Spline 	US
02*	1" Keyed 	US
03	1 1/4" Keyed 	US
04	10B Spline 	US
05	1 1/4" 14 Tooth Spline 	US
06	19 Tooth Spline 	US
07	15 Tooth Spline 	US
08	1 1/4" Tapered 	EU US
22*	25mm Keyed 	US
26*	25mm Keyed, Stainless Steel 	EU
28*	13 Tooth Spline 	US
41*	Long 6B 	EU
44	14 Tooth Spline 	EU
45	1 1/4" Keyed 	EU
46	32mm Keyed 	EU
47*	Woodruff Keyed 	EU

X

Rotation
Drehrichtung
Direction de rotation
Rotacion

XXXX

Options
Opciones

Code	Front Port Rotation	Avail.
0	Standard 	EU US
1	Reverse Timed Manifold 	EU US

Code	Rear Port Rotation	Avail.
0	Standard 	EU US
1	Reverse Timed Manifold 	EU US

Code		Avail.
AAAB	No Paint No lackiert	EU US
AAAA	Black Paint Schwarz lackiert	EU US

See Page 219 for Additional Options

* Abtriebswelle Ø 25mm Max. Moment cont./int. }
Coupling shaft Ø 1 inch Max. torque cont./int. } 450/550 Nm
Arbre 6B SAE Couple maxi cont./int. }
Eje de acoplamiento Coppia max cont./int. }