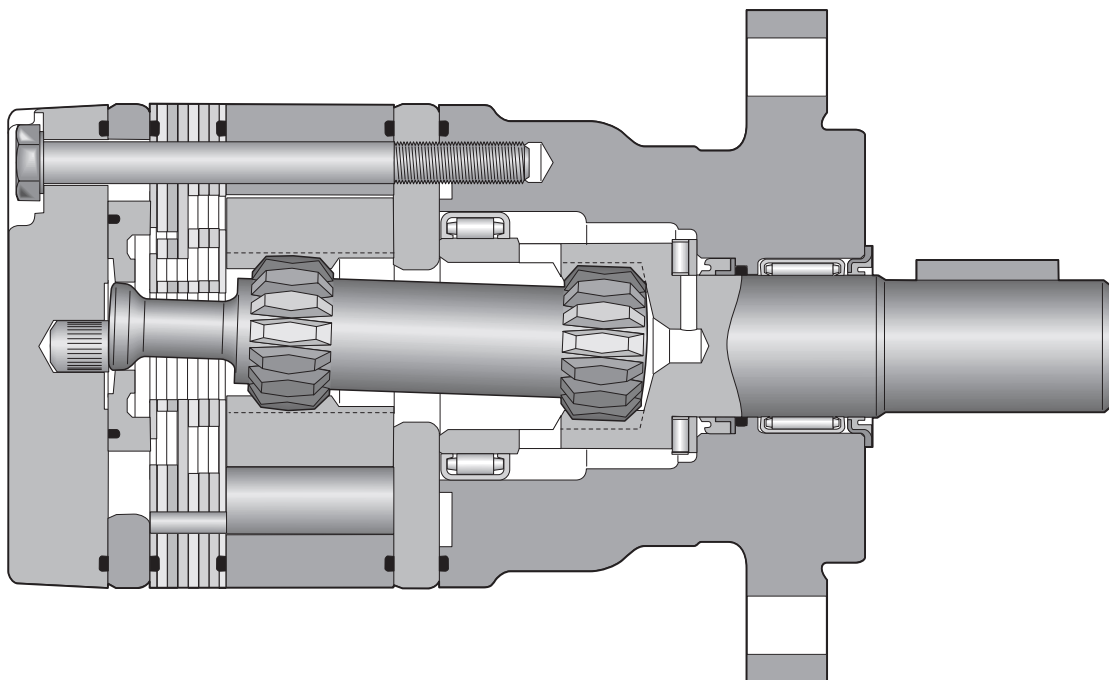


15 Displacements 15 Schluckvolumen 15 Cylindrée 15 Despazamientos	(2.2 – 24.0 in ³ /rev) 36 ... 390 cm ³ /rev	
Maximum Pressure Eingangsdruck Chaute de pression max. Presion Maxima	Cont (2030 psid) ...140 bar	Int (2750 psid) ...190 bar
Maximum Oil Flow Schluckstrom Débit d'huile Caudal Maximo de Aceite	(20 gpm) ... 75 lpm	
Maximum Speed Drehzahl Vitesse de rotation Velocidad Maxima	(1142 rpm) 1142 rpm	
Maximum Torque Max Drehmoment Couple Maxi Torque Maximo	Cont (4139 lb in) 467 Nm	Int (5728 lb in) 648 Nm
Maximum Side Load at Key Seitenlast Charges latérales Carga Maxima Lateral	(1500 lb) ... 6650 N	

An Improved Light Duty Low Speed, High Torque Motor

This light duty motor has higher pressure ratings than the TB motor, for applications requiring higher torque. Robust roller bearings withstand higher side loads and are suitable for chain and sprocket shaft connections. It uses high pressure shaft seals, robust roller bearings and high flow shaft seal cooling.



TE

Series













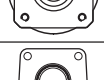

XXXX















Displacement
Schluckvolumen
Cylindrée
Desplazamiento

XX

Mounting/Ports
Gehäuse/Anschluß
Carter/Plan de raccordement
Montaje/Lumbreras

Code	cm ³ /U cm ³ /tr cm ³ /giro	in ³ /rev
0036	36 / 2.2	
0045	41 / 2.5	
0050	49 / 3.0	
0065	65 / 4.0	
0080	82 / 5.0	
0100	98 / 6.0	
0130	130 / 8.0	
0165	163 / 10.0	
0195	195 / 11.9	
0230	228 / 13.9	
0260	260 / 15.9	
0295	293 / 17.9	
0330	328 / 20.0	
0365	370 / 22.6	
0390	392 / 24.0	







Code	Mounting/Ports		
AM	SAE "A" 2 Bolt, 5/16-18 UNC Manifold		
AP	SAE "A" 2 Bolt, 1/2-14 NPTF		
AS	SAE "A" 2 Bolt, 7/8-14 SAE		
FP	4 Bolt w/3/8-16 UNC, 1/2-14 NPTF		
FS	4 Bolt w/3/8-16 UNC, 7/8-14 SAE		
US	Wheel Mount, 7/8-14 SAE		

Custom Order	Code	Mounting/Ports		
	AR	SAE "A" 2 Bolt, Rear Port 3/4-16 SAE O-ring Axial		
	CW	SAE "A" 2 Bolt, Long Pilot, G 1/2 BSPP		
	FF	4 Bolt w/3/8-16 UNC, 3/4-14 SAE		
	FJ	4 Bolt Mt., 9/16 O-ring (SAE # 6)		
	JS	"US" w/Mach. Plt. Nose, 1/2 -13UNC C'bored mtg. Holes, 7/8 O-ring ports		
	UR	Wheel Mount, Rear Port 3/4-16 SAE O-ring Axial		

Shaded areas indicate custom order components. Standard pricing and delivery terms may not apply to these components. Please refer to the price list for details, or consult your Parker Pump Motor division Sales Resource.



XX



Shaft
Welle
Arbre
Eje

Code	Shaft
10	1" Keyed 
11	1" 6B Spline 
13	Long 1" Keyed 
25	1" Tapered 
26	25mm Keyed w/ 8mm Key 
33	1" Tapered, 3/16 Key, 3/4-16 Thd. 

0

Rotation
Drehrichtung
Direction de rotation
Rotacion

Code	Rotation
0	Standard 
1	Reverse Timed Manifold 

Code	Rear Port Rotation
0	Standard 
1	Reverse Timed Manifold 







Rotation viewed from shaft end.

XXXX

Options
Opciones

Code	Options
AAAA ⁸	"Standard", Black Paint
AAAB	"Standard", No Paint
AAAC ⁸	"Standard", Double Paint
AABJ ^{1,8}	Free Running Rotor Set, Black Paint
AABT ^{4,8}	No Nut, Black Paint
AAFA	Fluorocarbon Seals, High Temp Commutator Seal, High Temp Section seals, No Paint
AAFW ⁸	Fluorocarbon Seals, High Temp Commutator Seal, High Temp Section Seals, Black Paint
AAJH ^{4,8}	No Shaft Hardware, Fluorocarbon Seals, High Temp Commutator Seal, High Temp Section Seals, Spl paint, Black Paint
AAJL ⁴	No Nut, No Paint
AAUP ⁴	Fluorocarbon Seals, High Temp Commutator Seal, High Temp Section Seals, No Shaft Hardware, No Paint
AAVE ^{1,8}	Free Running Rotor Set, Fluorocarbon Seals, High Temp High Temp Section Seals, Commutator Seal, Black Paint
ABCW ^{4,5,8}	No Shaft Hardware, Fluorocarbon Seals, High Temperature Commutator Seal, High Temp Section Seals, Bidirectional shuttle (.062 Orifice) (11:00"), Black Paint
ABCZ ⁸	Fluorocarbon Seals, Double paint, High Temp Commutator Seal, High Temp Section Seals
BBGS ^{4,5,8}	No Shaft Hardware, Fluorocarbon Seals, High Temperature Commutator Seal, High Temp Section Seals, 921 PSI Int Bidirectional Relief, Black Paint
BBGT ^{4,5,8}	No Shaft Hardware, Fluorocarbon Seals, High Temperature Commutator Seal, High Temp Section Seals, 1200 PSI Int Bidirectional Relief, Black Paint
BBGU ^{3,4,5,8}	No Shaft Hardware, Fluorocarbon Seals, High Temperature Commutator Seal, High Temp Section Seals, 2030 PSI Int Bidirectional Relief, Black Paint
BBGW ⁸	No Shaft Hardware, Fluorocarbon Seals, High Temperature Commutator Seal, 1450 PSI Int Bidirectional Relief, Black Paint
BBHB ^{4,5,7,8}	No Shaft Hardware, Fluorocarbon Seals, High Temperature Commutator Seal, 2393 PSI Int Bidirectional Relief, Black Paint
FSEK ^{4,6,8}	No Shaft Hardware, Fluorocarbon Seals, High Temperature Commutator Seal, High Temp Section Seals, Parker ECD Speed Sensor, Black Paint
FSEN ^{4,6}	No Shaft Hardware, Fluorocarbon Seals, High Temperature Commutator Seal, High Temp Section Seals, Parker ECD Speed Sensor, No Paint

¹ Not applicable to 0365 & 0390 displacements
³ Not applicable to 0330, 0365 or 0390 displacements
⁴ No Nut with shaft code 12, 25 or 33
⁵ Not applicable with FR or AR Mounting / Porting options
⁶ Not applicable with shaft code 33
⁷ Not applicable to 0260, 0295, 0330, 0365 or 0390 displacements
⁸ Paint area all over except front and rear pilot and mounting flanges and shaft

Code	Custom Order
01	Long 6B Spline, Groove 
09	1" dia., 0.38" Hole, 0.55" From End 
12	Short 1" Tapered 
21	1" Keyed Corrosion Resistant 
22	25mm Str. w/7mm Key, 6mm Tap 
41	Long 6B, 8mm Tap 

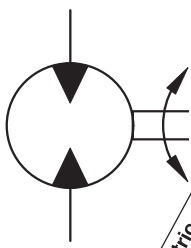
* Conforms to SAE B recommended length

Shaded areas indicate custom order components. Standard pricing and delivery terms may not apply to these components. Please refer to the price list for details, or consult your Parker Pump Motor division Sales Resource.



WARNING

This product can expose you to chemicals including lead which is known to the State of California to cause cancer, and DEHP which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.



Motor Series TE	cm ³ /rev in ³ /rev	Int rev/min	cont / int* l/min g/min	cont / int* bar psid	max bar psig	cont / int* Nm lb-in	max KW HP	cont / int* Nm lb-in
TE 0036	36 2.2	1141	34 42 9 11	140 190 2030 2750	200 2900	54.6 71.1 483 630	8.5 11.4	44 52 389 460
TE 0045	41 2.5	1024	34 42 9 11	140 190 2030 2750	200 2900	71 99 624 876	10.4 13.9	44 64 411 565
TE 0050	49 3.0	1020	34 50 9 13	140 190 2030 2750	200 2900	90 127 796 1120	12.8 17.2	72 98 637 871
TE 0065	65 4.0	877	45 57 12 15	140 190 2030 2750	200 2900	125 176 1106 1558	14.7 19.8	100 137 885 1211
TE 0080	82 5.0	695	45 57 12 15	140 190 2030 2750	200 2900	160 220 1416 1947	17.3 23.2	128 171 1133 1515
TE 0100	98 6.0	582	45 57 12 15	140 190 2030 2750	200 2900	190 264 1682 2337	17.4 23.4	152 205 1345 1819
TE 0130	130 8.0	438	45 57 12 15	140 190 2030 2750	200 2900	255 352 2257 3116	17.3 23.2	204 274 1806 2423
TE 0165	163 10.0	348	45 57 12 15	140 190 2030 2750	200 2900	310 436 2744 3846	17.0 22.8	248 338 2195 2992
TE 0195	195 11.9	292	45 57 12 15	140 190 2030 2750	200 2900	390 528 3452 4673	17.4 23.4	312 411 2762 3637
TE 0230	228 13.9	328	57 75 15 20	120 165 1740 2400	200 2900	380 514 3363 4554	17.7 23.8	304 411 2691 3637
TE 0260	260 15.9	287	57 75 15 20	110 155 1595 2250	200 2900	400 550 3540 4870	16.7 22.4	320 449 2832 3977
TE 0295	293 17.9	256	57 75 15 20	100 145 1450 2100	200 2900	428 582 3784 5180	15.7 21.0	328 445 2903 3939
TE 0330	328 20.0	228	57 75 15 20	100 135 1450 1950	200 2900	443 600 3926 5312	14.8 19.8	344 453 3045 4014
TE 0365	370 22.6	203	57 75 15 20	95 125 1378 1825	200 2900	467 648 4133 5728	13.6 18.2	373 477 3301 4223
TE 0390	392 24.0	191	57 75 15 20	85 120 1233 1740	200 2900	445 628 3935 5562	12.5 16.8	348 462 3080 4090

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 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 Viskositat von 43,1 Cst bei 54°C. 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.



WARNING

This product can expose you to chemicals including lead which is known to the State of California to cause cancer, and DEHP which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

TE 0130 8.0 cu in / rev PRESSURE (PSID)

	500	1000	1500	2000	2750
.5	445 12	962 10	1488 7	2018 3	
1	464 27	996 24	1525 21	2051 17	2835 5
2	482 55	1032 53	1584 49	2136 44	2940 31
3	483 84	1037 81	1594 77	2150 72	2961 60
4	483 113	1051 110	1619 105	2184 100	3015 87
5	478 142	1050 138	1625 133	2201 128	3050 114
7	450 200	1029 195	1613 190	2195 183	3054 169
9	414 257	993 252	1579 247	2166 239	3030 224
12	338 344	915 338	1503 331	2096 323	2961 306
15	252 431	827 424	1408 416	1996 407	2851 389

TORQUE (LB IN) 3054
SPEED (RPM) 169

Flow (GPM)

TE 0165 10.0 cu in / rev PRESSURE (PSID)

	500	1000	1500	2000	2750
.5	552 9	1175 7	1813 4	2457 3	
1	574 21	1213 18	1856 16	2499 12	3465 7
2	597 44	1263 41	1938 38	2614 33	3604 25
3	600 67	1273 64	1955 60	2634 55	3628 46
4	603 90	1299 87	1997 83	2691 78	3705 67
5	597 113	1302 109	2015 105	2727 100	3767 89
7	569 159	1286 155	2009 150	2732 144	3791 133
9	523 205	1244 201	1976 195	2707 189	3773 177
12	429 274	1152 269	1890 263	2630 256	3701 242
15	316 344	1039 338	1769 331	2500 323	3568 308

TORQUE (LB IN) 3791
SPEED (RPM) 133

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 6 segundos por cada minuto.

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

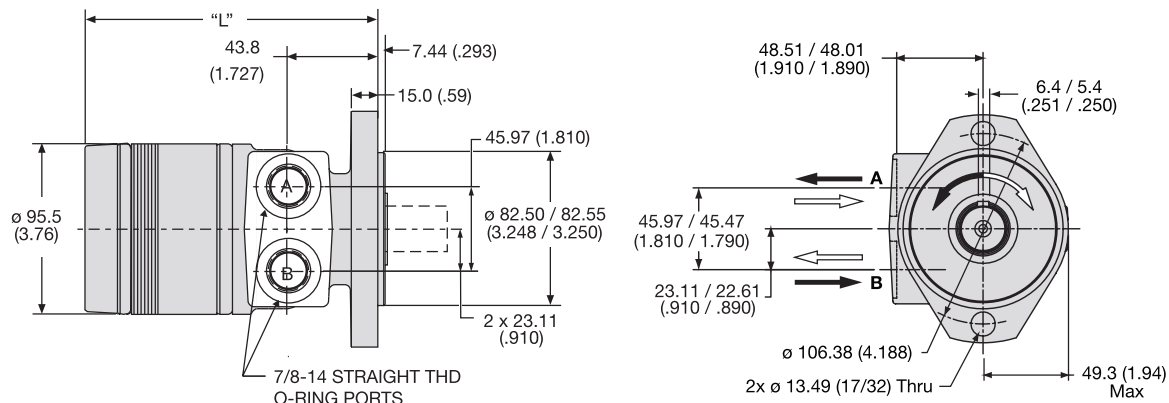
Datos tecnicos obtenidos con aceite 10W40 de 200 SUS de viscosidad a 54°C (130°F). Los datos proporcionados son valores tipcos. Los valores exactos reales podrian tener una pequena variacion entre distintos motores.



WARNING

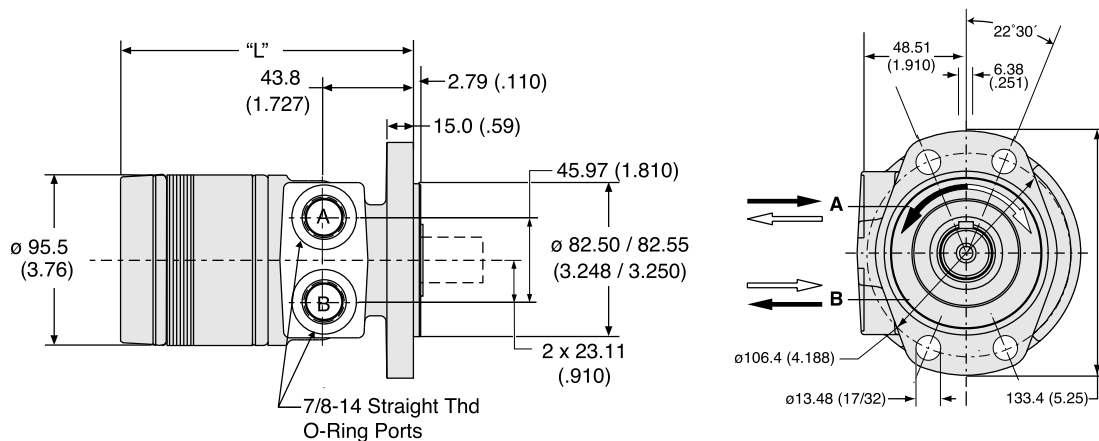
This product can expose you to chemicals including lead which is known to the State of California to cause cancer, and DEHP which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Code: CS
SAE "A" 2-Bolt Long Pilot, 7/8-14 SAE O-Ring



Code CS	disp.	0036	0045	0050	0065	0080	0100	0130	0165	0195	0230	0260	0295	0330	0365	0390
Weight/Gewichtkg	5.87	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)	(12.9)	(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	130.4	131.5	132.9	136.1	139.3	142.5	148.8	155.2	161.5	167.9	174.2	180.6	186.9	195.6	199.7
	"L" (in)	(5.13)	(5.18)	(5.23)	(5.36)	(5.48)	(5.61)	(5.86)	(6.11)	(6.36)	(6.61)	(6.86)	(7.11)	(7.36)	(7.70)	(7.86)

Code: MS
Magneto, 7/8-14 SAE O-Ring



Code MS	disp.	0036	0045	0050	0065	0080	0100	0130	0165	0195	0230	0260	0295	0330	0365	0390
Weight/Gewicht	kg	6.16	6.30	6.40	6.53	6.62	6.76	7.03	7.30	7.62	7.85	8.12	8.35	8.62	8.94	9.07
Poids/Peso	(lb)	(13.6)	(13.9)	(14.1)	(14.4)	(14.6)	(14.9)	(15.5)	(16.1)	(16.8)	(17.3)	(17.9)	(18.4)	(19.0)	(19.7)	(20.0)
Length	"L" mm	135.1	136.1	137.6	140.8	144.0	147.1	153.5	159.8	166.2	172.5	178.9	185.2	191.6	200.2	204.3
	"L" (in)	(5.32)	(5.36)	(5.42)	(5.54)	(5.67)	(5.79)	(6.04)	(6.29)	(6.54)	(6.79)	(7.04)	(7.29)	(7.54)	(7.88)	(8.04)

English equivalents for metric specifications are shown in ().

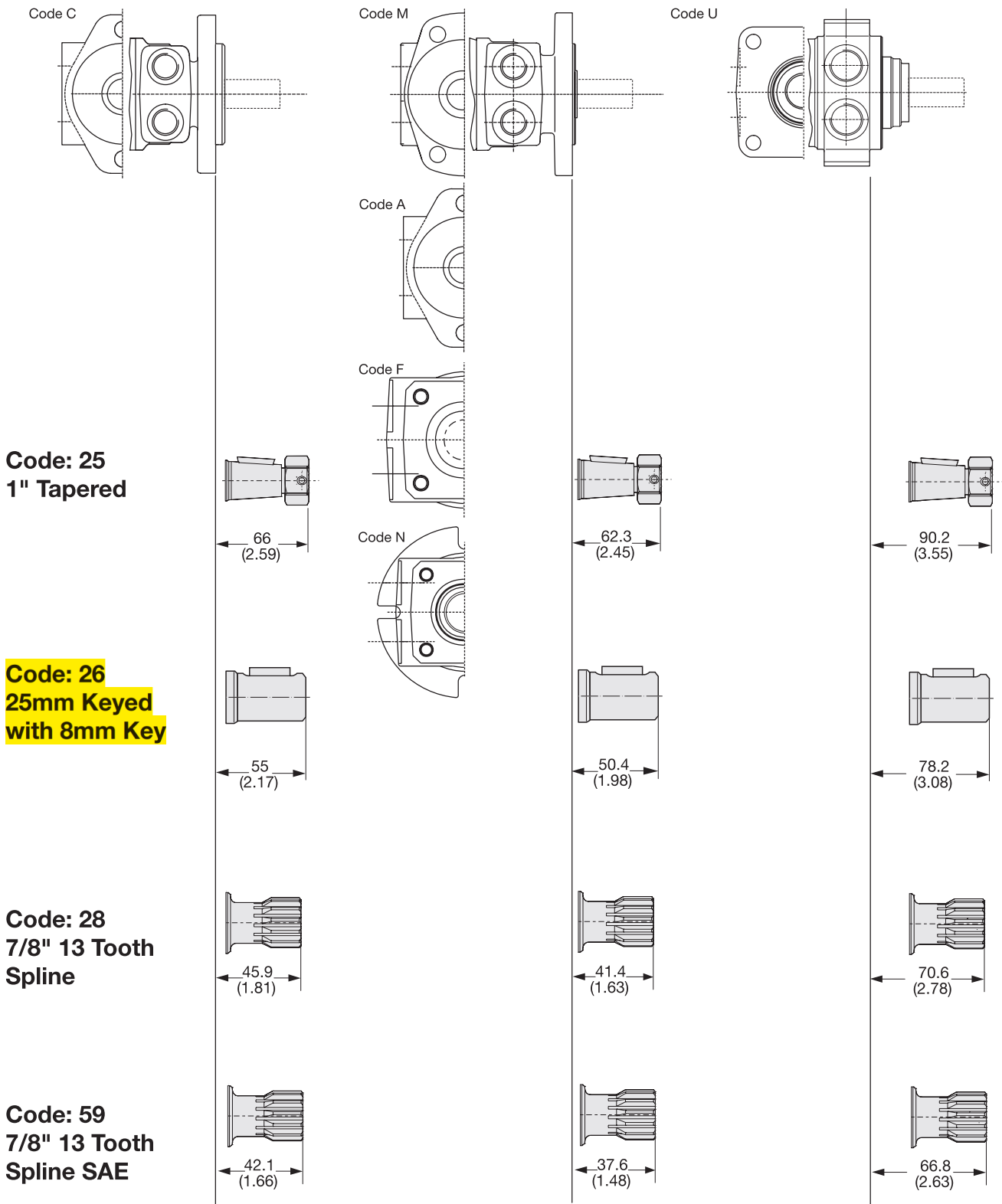
004 TE.indd, b



WARNING

This product can expose you to chemicals including lead which is known to the State of California to cause cancer, and DEHP which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Parker Hannifin Corporation
Pump & Motor Division
Greenville, Tennessee, USA



English equivalents for metric specifications are shown in ().

004 TE.indd, b



WARNING

This product can expose you to chemicals including lead which is known to the State of California to cause cancer, and DEHP which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.