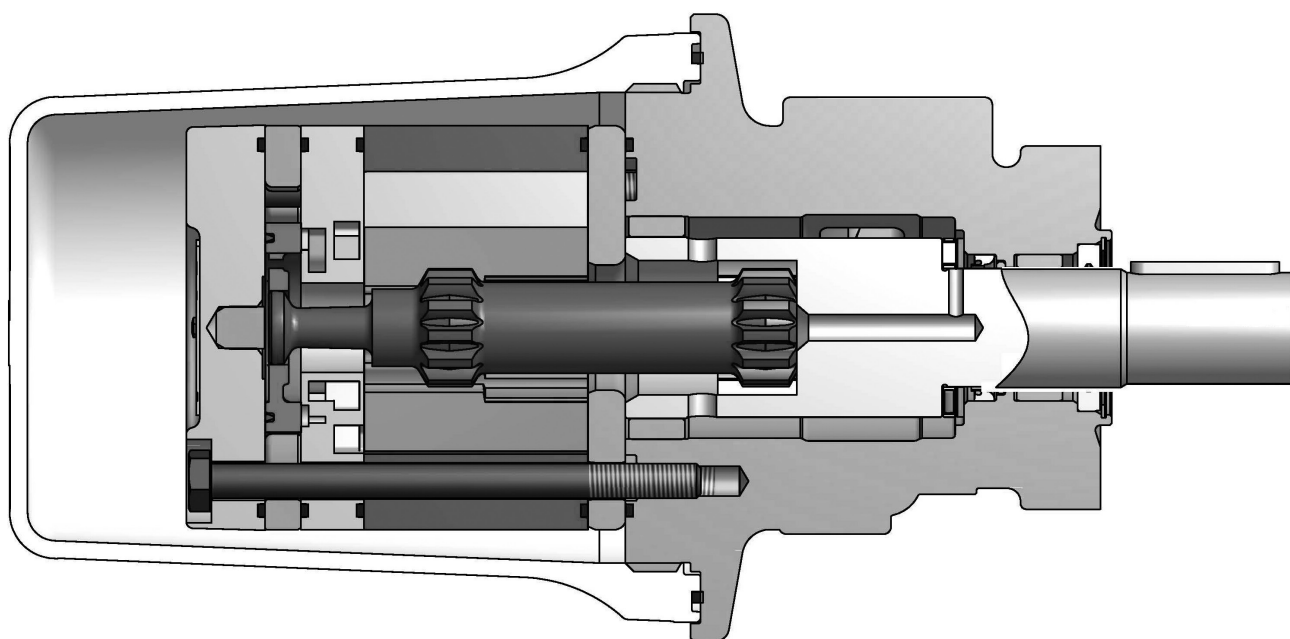


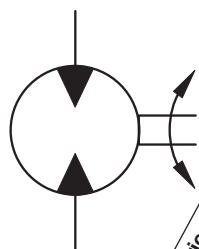
15 Displacements 15 Schluckvolumen 15 Cylindrée 15 Desplazamientos	(2.2 – 24.0 in³/rev) 36 . . . 390 cm³/rev	
Maximum Pressure Eingangsdruk Chaute de pression max. Presion Maxima	Cont (1800 psid) . . . 125 bar	Int (2400 psid) . . . 165 bar
Maximum Oil Flow Schluckstrom Débit d'huile Caudal Maximo de Aceite	(15 gpm) . . . 57 lpm	
Maximum Speed Drehzahl Vitesse de rotation Velocidad Maxima	(932 rpm) 932 rpm	
Maximum Torque Max Drehmoment Couple Maxi Torque Maximo	Cont (2000 lb in) 226 Nm	Int (2000 lb in) 226 Nm
Maximum Side Load at Key Seitenlast Charges latérales Carga Maxima Lateral	(300 lb) . . . 1340 N	

A Stainless Steel Low Speed, High Torque Motor

This motor utilizes a stainless steel front housing and output shaft, with a glass filled polypropylene rear cover for the ultimate in corrosion protection. It is designed for use under water or in harsh environments where it will be exposed to water or corrosive chemicals. Features such as roller vanes, high pressure shaft seal and full flow spline lubrication are standard.



TS		XXXX		X		XX		0		XXXX	
Series		Displacement Schluckvolumen Cylindrée Desplazamiento		Mounting/Ports Gehäuse/Anschluß Carter/Plan de raccordement Montaje/Lumbreras		Shaft Welle Arbre Eje		Rotation Drehrichtung Direction de rotation Rotacion		Options Opciones	
Code	cm³/U cm³/tr cm³/giro in³/rev			Code	Mounting/Ports			Code	Rotation		
0036	36 / 2.2			FS	4 Bolt w/3/8-16 UNC, 7/8-14 SAE			0	Standard		
0045	41 / 2.5							1	Reverse Timed Manifold		
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	Shaft						
				77	1" Square Keyed Stainless Steel						
								Code	Options		
								AAXH	Fluorocarbon Body, Shaft, Dirt & Water Seals. High Temperature Commutator Seals		



Motor Series TS	cm³/rev in³/rev	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
TS 0036	36 2.2	932	34 34 9 9	125 165 1800 2400	190 2750	48 67 427 596	6.6 8.8	44 50 385 440
TS 0045	41 2.5	805	34 34 9 9	125 165 1800 2400	190 2750	64 88 526 731	7.2 9.7	39 52 341 461
TS 0050	49 3.0	678	34 34 9 9	125 165 1800 2400	190 2750	78 107 693 946	7.5 10.1	36 70 319 619
TS 0065	65 4.0	511	34 34 9 9	125 165 1800 2400	190 2750	107 145 946 1284	7.8 10.4	66 99 582 977
TS 0080	82 5.0	409	34 34 9 9	125 165 1800 2400	190 2750	135 184 1193 1624	7.8 10.5	92 139 816 1226
TS 0100	98 6.0	454	45 45 12 12	125 165 1800 2400	190 2750	160 217 1411 1917	10.2 13.8	119 158 1050 1400
TS 0130	130 8.0	430	45 57 12 15	131 131 1900 1900	190 2750	226 226 2000 2000	10.1 13.6	172 172 1520 1520
TS 0165	163 10.0	343	45 57 12 15	103 103 1500 1500	190 2750	226 226 2000 2000	8.1 10.9	165 165 1460 1460
TS 0195	195 11.9	287	45 57 12 15	83 83 1200 1200	190 2750	226 226 2000 2000	6.8 9.1	179 179 1586 1586
TS 0230	228 13.9	246	45 57 12 15	76 76 1100 1100	190 2750	226 226 2000 2000	5.8 7.8	190 190 1680 1680
TS 0260	260 15.9	216	45 57 12 15	69 69 1000 1000	190 2750	226 226 2000 2000	5.1 6.9	188 188 1660 1660
TS 0295	293 17.9	191	45 57 12 15	62 62 900 900	190 2750	226 226 2000 2000	4.6 6.1	181 181 1600 1600
TS 0330	328 20.0	171	45 57 12 15	41 41 600 600	190 2750	226 226 2000 2000	4.0 5.4	181 181 1600 1600
TS 0365	370 22.6	151	45 57 12 15	41 41 600 600	190 2750	226 226 2000 2000	3.6 4.8	191 191 1690 1690
TS 0390	392 24.0	143	45 57 12 15	41 41 600 600	190 2750	226 226 2000 2000	3.4 4.5	179 179 1580 1580

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 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.

* 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.

TS 0036

2.2 cu in / rev

PRESSURE (PSID)

	500	1000	1500	1800	2000	2400
.5	109 46	225 37	344 26	419 20	470 15	567 7
1	111 99	230 89	351 78	429 71	478 68	579 58
2	112 203	236 192	363 179	442 172	493 170	598 159
3	112 307	241 296	369 283	449 276	503 270	609 259
4	108 413	241 398	372 383	452 376	508 371	619 360
5	104 517	238 502	370 487	454 478	507 473	621 460
7	88 725	225 710	360 694	444 681	500 674	615 661
9	71 933	207 916	344 896	425 885	483 876	599 862
12	48 1245	184 1225	321 1203	405 1192	459 1181	572 1163

TORQUE (LB IN) 599
SPEED (RPM) 862

Flow (GPM)

TS 0045

2.5 cu in / rev

PRESSURE (PSID)

	500	1000	1500	1800	2000	2400
.5	119 32	263 18	413 3			
1	123 77	277 61	425 44	518 37	581 28	705 18
2	132 168	290 150	450 131	542 122	606 113	719 97
3	136 256	296 239	462 220	557 211	623 199	748 184
4	132 344	296 326	464 307	567 296	635 286	768 269
5	129 433	290 416	464 394	567 381	639 371	779 352
7	119 610	284 590	460 567	565 551	635 541	779 521
9	109 785	277 765	450 740	555 723	625 710	768 690

TORQUE (LB IN) 779
SPEED (RPM) 521

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 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.

003 TS.indd, b

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 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.

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

TS 0050

3.0 cu in / rev

PRESSURE (PSID)

	500	1000	1500	1800	2000	2400
.5	146 25	324 13	506 0			
1	156 66	338 50	521 35	631 28	701 20	842 9
2	166 141	359 127	555 110	666 102	742 94	877 80
3	162 218	365 203	566 186	688 176	764 168	912 153
4	164 295	361 279	570 261	693 251	775 242	936 227
5	156 372	359 355	568 337	691 327	779 317	947 302
7	146 525	350 506	561 486	691 474	775 466	949 448
9	135 678	338 659	551 638	680 623	766 615	939 596

Flow (GPM)

TORQUE (LB IN) 939
SPEED (RPM) 596

TS 0065

4.0 cu in / rev

PRESSURE (PSID)

	500	1000	1500	1800	2000	2400
.5	217 22	459 14	707 6	862 1		
1	225 51	479 42	735 34	887 29	992 24	1194 17
2	237 108	496 98	761 90	921 85	1028 81	1225 70
3	237 166	504 156	777 147	941 140	1045 136	1251 126
4	228 224	501 214	777 203	946 197	1054 192	1273 181
5	225 281	496 271	775 260	946 252	1059 247	1282 237
7	208 396	485 385	763 373	938 364	1051 359	1282 347
9	194 511	468 499	749 485	924 476	1037 470	1265 457

Flow (GPM)

TORQUE (LB IN) 1282
SPEED (RPM) 347

☒ 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.

003 TS.indd, b

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.



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

TS 0080

5.0 cu in / rev

	PRESSURE (PSID)					
	500	1000	1500	1800	2000	2400
.5	259 18	563 10	881 5	1078 1		
1	274 40	589 33	911 26	1100 22	1230 19	1489 11
2	285 86	615 78	952 70	1144 67	1281 63	1530 53
3	293 132	630 124	970 116	1174 110	1311 106	1570 98
4	285 179	630 171	978 161	1185 155	1330 152	1604 142
5	285 226	626 216	978 206	1196 200	1341 196	1626 185
7	267 317	622 307	974 296	1189 290	1337 285	1626 275
9	256 410	604 398	959 387	1178 379	1322 375	1611 362

Flow (GPM)

TORQUE (LB IN) 1611
SPEED (RPM) 362

TS 0100

6.0 cu in / rev

	PRESSURE (PSID)					
	500	1000	1500	1800	2000	2400
.5	316 16	674 13	1045 9	1267 7	1411 4	1708 0
1	327 34	698 32	1072 27	1298 25	1454 23	1743 18
2	339 74	725 69	1111 64	1353 61	1509 58	1805 53
3	351 111	741 107	1146 102	1388 98	1544 95	1852 89
4	351 148	752 143	1162 139	1404 135	1571 132	1887 126
5	347 187	749 183	1170 176	1415 172	1583 169	1910 162
7	320 264	737 257	1162 250	1415 246	1587 242	1926 235
9	308 339	721 333	1142 325	1400 319	1571 316	1910 307
12	257 454	674 446	1096 437	1474 430	1524 426	1864 418

Flow (GPM)

TORQUE (LB IN) 1910
SPEED (RPM) 307

☒ 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.

003 TS.indd, b

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 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.

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

TS 0130

8.0 cu in / rev PRESSURE (PSID)

	500	1000	1500	1800	1900
.5	455 11	966 10	1485 7	1802 5	1897 4
1	463 27	983 24	1511 21	1836 19	1931 18
2	476 55	1018 52	1563 49	1893 46	1988 45
3	485 84	1039 81	1594 77	1927 73	2027 73
4	489 113	1048 109	1611 105	1944 103	2044 101
5	481 142	1044 138	1615 133	1953 130	2057 129
7	459 199	1026 195	1598 190	1944 186	2044 185
9	411 257	983 252	1568 246	1914 242	2022 241
12	342 343	914 338	1494 331	1874 327	1953 325
15	260 430	823 424	1394 416	1745 411	1849 410

TORQUE (LB IN) 1953
SPEED (RPM) 325

Flow (GPM)

TS 0165

10.0 cu in / rev

PRESSURE (PSID)

	250	500	1000	1250	1500
.5	227 12	537 9	1148 7	1461 6	1772 4
1	237 23	554 21	1177 18	1496 16	1813 15
2	247 46	578 44	1226 40	1560 38	1891 37
3	254 69	591 67	1263 63	1600 61	1936 59
4	251 91	595 89	1276 86	1621 84	1965 82
5	239 115	587 113	1288 109	1634 107	1981 104
7	204 162	562 159	1267 154	1627 151	1985 149
9	155 208	517 205	1230 200	1594 197	1956 194
12	61 277	427 274	1140 268	1509 265	1874 261
15		324 343	1029 337	1394 334	1755 331

TORQUE (LB IN) 1956
SPEED (RPM) 194

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 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.

003 TS.indd, b

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 tipicos. 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.

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

TS 0195

11.9 cu in / rev

PRESSURE (PSID)

	250	500	750	1000	1200
.5	318 9.4	701 8.9	1095 8.5	1504 7.7	1780 6.8
1	336 19	720 18	1119 17	1535 17	1807 17
2	351 38	744 38	1152 37	1579 36	1854 36
3	363 58	760 57	1172 56	1602 55	1882 54
4	355 76	756 76	1173 75	1610 74	1890 73
5	341 95	744 95	1166 94	1610 93	1886 92
7	300 135	705 134	1128 132	1575 131	1850 130
9	241 173	646 172	1069 170	1516 169	1791 168
12	142 232	543 230	961 229	1398 227	1677 226
15	9 288	409 287	824 286	1256 284	1539 283

TORQUE (LB IN) 1677
SPEED (RPM) 226

Flow (GPM)

TS 0230

13.9 cu in / rev

PRESSURE (PSID)

	250	500	750	1000	1100
.5	373 8.3	806 8.2	1248 7.8	1714 7.2	1836 6.9
1	382 16.6	820 16.4	1267 15.8	1733 15.1	1865 14.8
2	409 33	850 32	1298 32	1768 31	1899 31
3	414 49	859 49	1316 48	1802 47	1919 47
4	408 66	854 65	1323 65	1816 64	1938 64
5	383 83	845 82	1318 81	1821 80	1943 79
7	338 113	811 114	1292 113	1797 112	1938 111
9	261 147	747 147	1237 146	1738 145	1899 144
12	111 199	615 199	1120 197	1626 194	1800 193
15		479 246	987 244	1473 241	1650 240

TORQUE (LB IN) 1899
SPEED (RPM) 144

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 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.

003 TS.indd, b

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.



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

TS 0260

15.9 cu in / rev

PRESSURE (PSID)

	250	500	750	1000
.5	399 7.2	915 6.9	1431 6.4	1948 6.0
1	412 14.5	936 14.0	1460 13.6	1984 13.1
2	419 29.0	956 28.3	1493 27.6	2030 26.8
3	427 43	971 43	1516 42	2060 41
4	412 58	966 57	1521 57	2076 56
5	401 71	961 71	1521 71	2081 70
7	348 101	915 100	1483 100	2050 99
9	271 130	844 129	1416 128	1989 128
12	133 174	706 173	1278 172	1851 171
15		547 216	1117 215	1687 214

TORQUE (LB IN) 1851
SPEED (RPM) 171

Flow (GPM)

TS 0295

17.9 cu in / rev

PRESSURE (PSID)

	250	500	750	900
.5	384 6.4	1048 6.0	1713 5.3	2111 4.9
1	394 12.6	1068 12.2	1742 11.7	2146 11.4
2	397 25.6	1093 25.1	1788 24.6	2205 24.3
3	406 39	1107 38	1809 37	2229 36
4	397 50	1107 50	1818 49	2244 49
5	365 64	1088 63	1810 62	2244 61
7	316 90	1038 89	1761 88	2195 87
9	223 115	955 114	1687 113	2126 112
12	60 154	792 153	1524 151	1964 150
15		605 191	1325 189	1757 188

TORQUE (LB IN) 2126
SPEED (RPM) 112

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.

003 TS.indd, b

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 tipicos. 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.

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

TS 0330

20.0 cu in / rev

PRESSURE (PSID)

	250	500	600
.5	481 5.7	1201 5.1	1489 4.6
1	469 11.4	1229 11.1	1533 10.6
2	416 22.8	1258 22.5	1594 21.7
3	377 35	1270 34	1627 33
4	323 46	1266 45	1643 44
5	252 57	1245 56	1643 56
7	154 80	1189 79	1602 78
9	55 103	1099 102	1517 102
12		913 137	1331 136
15		706 171	1087 170

TORQUE (LB IN) 1517
SPEED (RPM) 102

Flow (GPM)

TS 0365

22.6 cu in / rev

PRESSURE (PSID)

	250	500	600
.5	680 5.1	1405 4.9	1650 4.6
1	688 10.2	1438 9.8	1703 9.7
2	686 20.4	1479 19.8	1756 19.6
3	692 30.3	1495 30.2	1784 30.0
4	720 40.2	1487 39.9	1796 39.8
5	703 50.6	1466 50.0	1772 49.8
7	572 70.6	1373 70.1	1695 69.9
9	440 91.4	1251 90.3	1572 89.9
12	189 121.5	1014 120.9	1344 120.7
15		701 151.1	1022 150.9

TORQUE (LB IN) 1695
SPEED (RPM) 69.9

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.

003 TS.indd, b

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 tipicos. 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.

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

TS 0390

24.0 cu in / rev

PRESSURE (PSID)

	250	500	600
.5	604 4.5	1324 4.0	1492 3.8
1	640 9.3	1356 9.2	1540 9.0
2	690 18.6	1408 18.1	1608 17.9
3	700 28.4	1440 28.1	1664 27.7
4	705 37.5	1452 37.0	1692 36.8
5	715 48.1	1444 47.1	1712 46.8
7	642 67.2	1392 66.2	1692 65.8
9	496 85.6	1296 85.1	1616 84.9
12	292 115.9	1092 114.5	1412 113.9
15	62 144.1	832 143.1	1140 142.7

TORQUE (LB IN) 1616
SPEED (RPM) 84.9

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.

003 TS.indd, b

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 tipicos. 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.

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

61

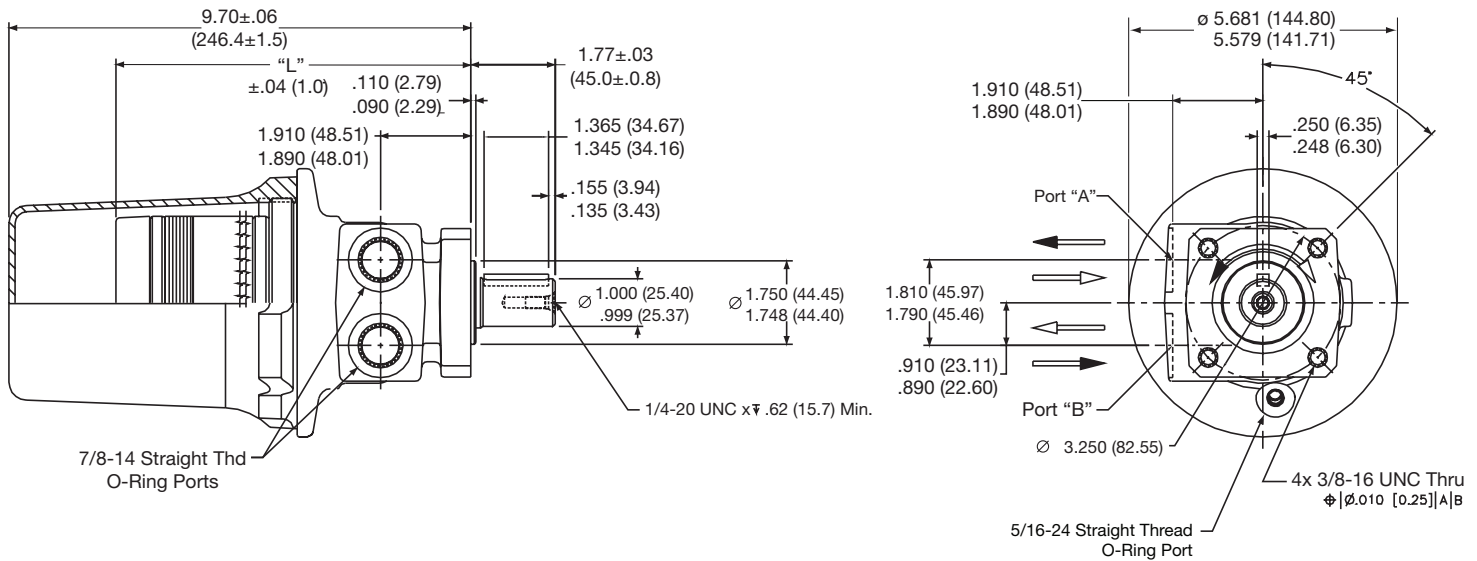
A 5/16-24 straight thread o-ring drain port is provided in the flange of the front housing. This port is to be connected to the reservoir. The purpose of this port is to relieve pressure in the polypropylene rear cover in the rare event of a motor section seal leak.

Maximum side load 300# at 1 inch from mounting face.

Shaft torque is limited to 2000 in-lbs since it is made from 316 stainless steel 1" keyed shaft. Other shaft types or shaft taper locks will increase allowable shaft torque.

Code: FS

4 Bolt, 7/8"-14 SAE O-Ring



* Do not plug 5/16-24 drain port

Code FS disp.	0036	0045	0050	0065	0080	0100	0130	0165	0195	0230	0260	0295	0330	0365	0390
Weight/Gewicht kg	8.3	8.3	8.4	8.5	8.7	8.8	9.0	9.3	9.8	9.9	10.1	10.3	10.7	11.0	11.1
Poids/Peso (lb)	(18.3)	(18.4)	(18.5)	(18.8)	(19.1)	(19.4)	(19.9)	(20.6)	(21.5)	(21.8)	(22.3)	(22.8)	(23.5)	(24.2)	(24.5)
Length "L" mm	164.4	165.5	167.0	170.2	173.3	176.5	182.9	189.2	195.6	201.9	208.3	214.6	221.0	229.6	233.7
"L" (in)	(6.47)	(6.52)	(6.57)	(6.70)	(6.82)	(6.95)	(7.20)	(7.45)	(7.70)	(7.95)	(8.20)	(8.45)	(8.70)	(9.04)	(9.20)

English equivalents for metric specifications are shown in ().

003 TS.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
Greeneville, Tennessee, USA