

Code 0080

80 cc / rev

PRESSURE (BAR)

	34.5	69.0	103.4	124.1	137.9	165.5
1.9	28.9 17	63.5 10	99.1 4			
3.8	30.4 40	66.1 33	102.2 26	123.9 21	138.5 18	168.0 10
7.6	32.2 86	69.6 78	107.3 70	129.9 66	145.0 62	175.1 53
11.4	32.2 132	69.9 124	108.3 116	131.4 110	146.6 106	176.9 97
15.1	32.3 178	71.0 170	110.3 161	134.1 155	149.9 151	181.7 141
18.9	31.9 225	70.8 216	110.6 206	134.8 200	150.8 196	183.1 185
26.5	30.2 317	69.5 307	109.8 296	134.3 290	150.6 285	183.5 274
34.1	28.5 409	67.8 398	108.0 387	132.5 379	148.9 374	181.8 362

Flow (LPM)

TORQUE (nm) 116.9
SPEED (RPM) 470

5.0 cu in / rev PRESSURE (PSI)

	500	1000	1500	1800	2000	2400
213	459 22	709 14				
224	479 51	734 42	887 34	989 29	1193 25	
233	500 108	767 99	926 90	1033 85	1244 81	1244 71
231	498 166	769 156	932 147	1039 141	1252 136	1252 126
229	501 224	778 214	945 203	1056 197	1278 192	1278 181
223	497 281	777 271	946 260	1058 252	1284 247	1284 237
206	481 396	764 385	936 372	1050 364	1280 359	1280 347
192	467 511	749 499	920 485	1035 476	1267 470	1267 457

TORQUE (LB IN) 1035
SPEED (RPM) 470

5.0 cu in / rev

PRESSURE (PSI)

	500	1000	1500	1800	2000	2400
.5	256 17	562 10	877 4			
1	269 40	585 33	905 26	1097 21	1226 18	1487 10
2	285 86	616 78	950 70	1150 66	1283 62	1550 53
3	285 132	619 124	959 116	1163 110	1298 106	1566 97
4	286 178	628 170	976 161	1187 155	1327 151	1608 141
5	282 225	627 216	979 206	1193 200	1335 196	1621 185
7	267 317	615 307	972 296	1189 290	1333 285	1624 274
9	252 409	600 398	956 387	1173 379	1318 374	1609 362

Flow (GPM)

Performance data is typical. Actual data may vary slightly from one production motor to another.

Parker Hannifin Corporation
Hydraulic Pump/Motor Division
Greenville, TN 37744 USA

Hydraulic Motors TCO...

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Catalog 1550/USA
Performance Data

Low Speed High Torque Motors
TB Series

Code 0100

100 cc / rev

	34.5	69.0	103.4	124.1	137.9	165.5
1.9	35.0 16	75.6 13	116.9 9	142.1 7	159.1 5	
3.8	37.3 35	78.7 32	121.2 27	146.6 25	163.6 23	196.2 18
7.6	39.1 73	82.7 69	126.7 64	152.9 61	170.5 59	205.8 53
11.4	39.0 111	83.0 107	128.1 102	154.9 98	172.9 95	208.3 89
15.1	39.2 149	84.4 144	130.8 139	158.5 135	177.3 132	213.8 126
18.9	38.8 187	84.7 182	131.5 176	159.4 172	178.3 169	215.7 162
26.5	36.9 264	83.4 257	130.9 250	159.4 246	178.5 242	216.6 235
34.1	34.0 340	80.8 333	128.7 325	157.6 319	176.9 316	215.7 307
45.4	29.0 454	75.6 446	123.3 437	152.2 430	171.5 426	210.5 417

Flow (LPM)

TORQUE (nm) 171.5
SPEED (RPM) 426

6.0 cu in / rev

	500	1000	1500	1800	2000	2400
.5	310 16	669 13	1035 9	1258 7	1408 5	
1	330 35	697 32	1073 27	1298 25	1448 23	1737 18
2	346 73	732 69	1121 64	1353 61	1509 59	1822 53
3	345 111	735 107	1134 102	1371 98	1530 95	1844 89
4	347 149	747 144	1158 139	1403 135	1569 132	1892 126
5	343 187	750 182	1164 176	1411 172	1578 169	1909 162
7	327 264	738 257	1159 250	1411 246	1580 242	1917 235
9	301 340	715 333	1139 325	1395 319	1566 316	1909 307
12	257 454	669 446	1091 437	1347 430	1518 426	1863 417

Flow (GPM)

TORQUE (LB IN) 1518
SPEED (RPM) 426

Performance data is typical. Actual data may vary slightly from one production motor to another.

Code 0130

130 cc / rev

	34.5	69.0	103.4	124.1	137.9	165.5
1.9	50.4 12	107.9 10	167.1 7	203.0 5	227.2 3	
3.8	52.5 27	111.7 24	171.2 21	206.9 19	230.8 17	27
7.6	54.3 55	115.6 52	177.5 49	214.8 46	239.5 44	28
11.4	54.5 84	116.3 81	178.6 77	216.0 74	241.0 72	29
15.1	54.6 113	117.7 109	181.3 105	219.2 102	244.5 100	30
18.9	54.0 142	117.6 138	181.9 133	220.4 130	246.2 128	31
26.5	50.8 199	115.1 195	180.4 190	219.5 186	245.6 184	32
34.1	46.8 257	111.2 252	176.6 246	215.9 242	242.3 239	33
45.4	37.8 343	102.5 338	168.2 331	208.1 327	234.5 323	34
56.8	28.6 430	92.4 424	157.4 416	196.6 411	223.1 40	35

Flow (LPM)

8.0 cu in / rev

	500	1000	1500	1800	2000	2400
.5	446 12	955 10	1479 7	1797 5		
1	465 27	989 24	1515 21	1831 19		
2	481 55	1023 52	1571 49	1901 46		
3	482 84	1029 81	1581 77	1912 74		
4	483 113	1042 109	1605 105	1940 102		
5	478 142	1041 138	1610 133	1951 130		
7	450 199	1019 195	1597 190	1941 18		
9	414 257	984 252	1563 246	1911 24		
12	335 343	907 338	1489 331	1841 3		
15	253 430	818 424	1393 416	1711 4		

Flow (GPM)

Code 0195

195 cc / rev

PRESSURE (BAR)

	34.5	69.0	103.4	124.1	144.8
1.9	77.7 9	168.3 8	263.1 7	321.0 6	378.8 5
3.8	81.1 18	173.7 17	268.9 16	326.5 15	384.4 14
7.6	84.3 38	178.5 36	276.0 35	334.6 33	393.2 32
11.4	84.2 57	179.9 55	277.0 53	335.9 52	394.8 50
15.1	84.3 76	181.6 74	280.4 72	339.8 71	398.6 69
18.9	83.3 95	180.9 93	280.2 91	340.2 89	399.6 87
26.5	78.7 134	177.6 131	277.4 129	337.4 127	397.0 125
34.1	72.4 172	170.6 169	270.9 167	331.5 164	392.3 162
45.4	59.9 230	157.2 227	257.9 223	318.7 221	379.6 217
56.8	45.1 287	141.5 284	240.6 280	300.8 277	361.5 273

Flow (LPM)

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Hydraulic Motors TCO...

PRESSURE (BAR)

	69.0	103.4	124.1	155.2
1.9	128.5 7	199.9 4	242.8 3	
3.8	133.4 18	205.5 15	248.7 13	313.6 9
7.6	139.9 40	215.7 37	261.4 34	329.0 29
11.4	141.0 63	217.6 59	263.5 56	331.5 51
15.1	144.2 86	222.3 82	269.1 78	338.9 73
18.9	145.0 109	224.6 104	272.5 101	344.1 95
26.5	143.3 159	224.5 149	273.2 145	345.9 139
34.1	139.0 205	221.1 194	270.4 190	344.3 183
45.4	128.9 274	211.7 268	261.8 257	336.7 250
56.8	116.7 343	198.7 330	248.2 325	323.0 317

TORQUE (nm) 248.2
SPEED (RPM) 325

9 cu in / rev

PRESSURE (PSI)

	500	1000	1500	1800	2250
1.9	529 9	1137 7	1769 4	2149 3	
3.8	556 21	1181 18	1819 15	2201 13	2776 9
7.6	580 44	1238 40	1909 37	2314 34	2912 29
11.4	584 67	1248 63	1926 59	2332 56	2934 51
15.1	592 90	1276 86	1968 82	2382 78	3000 73
18.9	588 113	1283 109	1988 104	2412 101	3046 95
26.5	560 159	1268 154	1987 149	2418 145	3062 139
34.1	517 205	1230 200	1957 194	2393 190	3047 183
45.4	425 274	1141 268	1874 262	2317 257	2990 250
56.8	321 343	1033 337	1759 330	2197 325	2859 317

TORQUE (LB IN) 1759
SPEED (RPM) 330

Performance data is typical. Actual data may vary slightly from one production motor to another.

11.9 cu in / rev

PRESSURE (PSI)

	500	1000	1500	1800	2100
1.9	688 9	1490 8	2329 7	2841 6	3353 5
3.8	718 18	1537 17	2380 16	2890 15	3402 14
7.6	746 38	1580 36	2443 35	2962 33	3480 32
11.4	745 57	1592 55	2452 53	2973 52	3494 50
15.1	746 76	1607 74	2482 72	3008 71	3528 69
18.9	737 95	1601 93	2480 91	3011 89	3537 87
26.5	697 134	1572 131	2455 129	2986 127	3514 125
34.1	641 172	1510 169	2398 167	2934 164	3472 162
45.4	530 230	1391 227	2283 223	2821 221	3360 217
56.8	399 287	1252 284	2130 280	2662 277	3200 273

Flow (GPM)