

DR 200 Performance Data

Flow GPM (LPM)	Pressure, psi (bars)						Max. Cont.	Max. Inter.	Theo. RPM
	250 (17)	500 (35)	1000 (69)	1500 (104)	2000 (138)	2500 (173)	3000 (207)	3500 (242)	
0.5 (2)	335 (38) 7	683 (77) 4							10
1 (4)	342 (39) 16	748 (85) 15	1543 (174) 13	2284 (258) 9	2913 (329) 5				19
2 (8)	339 (38) 35	795 (90) 34	1579 (178) 32	2396 (271) 28	3192 (361) 23	4016 (454) 16	4594 (519) 11	4977 (562) 3	38
4 (15)	323 (36) 73	749 (85) 72	1576 (178) 69	2506 (283) 64	3346 (378) 57	4059 (459) 54	4909 (555) 44	5625 (636) 35	75
6 (23)		690 (78) 110	1562 (177) 106	2413 (273) 101	3202 (362) 97	4085 (462) 89	4880 (551) 80	5711 (645) 70	112
8 (30)		654 (74) 148	1518 (172) 145	2368 (268) 141	3156 (357) 133	4154 (469) 126	4936 (558) 117	5778 (653) 105	150
10 (38)			1491 (168) 184	2301 (260) 178	3091 (349) 174	3933 (444) 167	4783 (541) 156	5646 (638) 144	187
12 (45)			1381 (156) 221	2256 (255) 215	3096 (350) 209	3985 (450) 204	4793 (542) 199	5607 (634) 179	224
14 (53)			1332 (150) 259	2219 (251) 254	2919 (330) 250	3850 (435) 241	4653 (526) 231	5643 (638) 213	261
16 (61)			1180 (133) 297	2129 (241) 293	2970 (336) 286	3803 (430) 278	4616 (522) 276	5423 (613) 256	299
18 (68)			1082 (122) 335	2012 (227) 332	2899 (328) 325	3692 (417) 319	4510 (510) 310	5329 (602) 298	336
20 (76)			993 (112) 372	1897 (214) 371	2732 (309) 365	3547 (401) 356	4391 (496) 348	5198 (587) 337	373
22 (83)				1757 (199) 409	2680 (303) 404	3401 (384) 396	4358 (493) 384	5121 (579) 374	410
24 (91)				1625 (184) 447	2526 (285) 443	3366 (380) 433	4192 (474) 423	4970 (562) 417	448
Max. Cont. 25 (95)				1472 (166) 465	2453 (277) 461	3244 (367) 454	4101 (463) 443	4953 (560) 432	466
Max. Inter. 30 (114)					1935 (219) 558	2934 (332) 553			559
1 RPM Stall Torque			1329 (150)	1960 (221)	2662 (301)	3385 (383)	4054 (458)		
Theo. Torque	494 (56)	987 (112)	1975 (223)	2962 (335)	3949 (446)	4936 (558)	5924 (669)	6911 (781)	

Areas within white represent maximum motor efficiencies.

2934 (332) Torque, lb-in (Nm)
553 Speed, RPM

DR 260 Performance Data

Flow GPM (LPM)	Pressure, psi (bars)						Max. Cont.	Max. Inter.	Theo. RPM
	250 (17)	500 (35)	1000 (69)	1500 (104)	2000 (138)	2500 (173)	3000 (207)	3500 (242)	
0.5 (2)	417 (47) 5	962 (109) 4							8
1 (4)	454 (51) 13	972 (110) 11	2104 (238) 11	3139 (355) 8	4074 (460) 5				15
2 (8)	462 (52) 28	1004 (113) 27	2145 (242) 25	3244 (367) 22	4292 (485) 18	5334 (603) 14	6323 (715) 11		30
4 (15)	430 (49) 57	985 (111) 56	2115 (239) 54	3247 (367) 51	4343 (491) 45	5474 (619) 41	6598 (746) 36	7600 (859) 30	59
6 (23)	391 (44) 87	950 (107) 86	2067 (234) 83	3225 (364) 78	4311 (487) 72	5458 (617) 67	6530 (738) 60	7557 (854) 54	88
8 (30)		884 (100) 115	2016 (228) 113	3146 (355) 107	4230 (478) 103	5418 (612) 95	6487 (733) 89	7677 (868) 82	117
10 (38)		797 (90) 145	1947 (220) 143	3080 (348) 138	4143 (468) 132	5351 (605) 123	6498 (734) 115	7541 (852) 107	146
12 (45)		748 (84) 174	1877 (212) 172	3011 (340) 168	4094 (463) 162	5272 (596) 152	6390 (722) 143	7481 (845) 133	175
14 (53)		631 (71) 203	1813 (205) 201	2921 (330) 198	4004 (452) 185	5195 (587) 179	6244 (706) 173	7491 (846) 163	204
16 (61)			1688 (191) 231	2807 (317) 228	3927 (444) 223	5077 (574) 214	6221 (703) 203	7291 (824) 196	233
18 (68)			1540 (174) 261	2698 (305) 256	3798 (429) 251	4952 (560) 246	6111 (690) 230	7214 (815) 220	262
20 (76)			1383 (156) 290	2558 (289) 289	3700 (418) 282	4817 (544) 268	5977 (675) 262	7166 (810) 247	291
22 (83)			1270 (143) 319	2431 (275) 317	3585 (405) 313	4717 (533) 300	5828 (659) 293	6961 (787) 277	320
24 (91)			1158 (131) 348	2253 (255) 346	3421 (387) 342	4554 (515) 333	5421 (613) 322	6805 (769) 311	349
25 (95)				2115 (239) 362	3301 (373) 357	4471 (505) 348	5559 (628) 342	6832 (772) 328	364
30 (114)				1388 (157) 434	2637 (298) 432	3768 (426) 427			436
1 RPM Stall Torque			1829 (207)	2807 (317)	3879 (438)	4737 (535)	5495 (621)		
Theo. Torque	633 (72)	1266 (143)	2532 (286)	3798 (429)	5064 (572)	6330 (715)	7596 (858)	8861 (1001)	

Areas within white represent maximum motor efficiencies.

3768 (426) Torque, lb-in (Nm)
427 Speed, RPM

DR 300 Performance Data

Flow GPM (LPM)	Pressure, psi (bars)							Max. Cont.	Max. Inter.	Theo. RPM
	250 (17)	500 (35)	1000 (69)	1500 (104)	2000 (138)	2500 (173)	3000 (207)	3500 (242)		
0.5 (2)	509 (58) 5	1039 (117) 4	2236 (253) 4						7	
1 (4)	517 (58) 12	1081 (122) 11	2353 (266) 11	3396 (384) 11	4501 (509) 9	5599 (633) 9			13	
2 (8)	516 (58) 25	1134 (128) 24	2360 (267) 24	3572 (404) 23	4893 (553) 22	6045 (683) 21	7198 (813) 20	8112 (917) 20	26	
4 (15)	491 (56) 50	1173 (132) 49	2425 (274) 49	3691 (417) 48	4890 (553) 47	6225 (703) 44	7397 (836) 43	8513 (962) 42	51	
6 (23)	466 (53) 75	1092 (123) 75	2384 (269) 74	3590 (406) 73	4949 (559) 71	6207 (701) 69	7356 (831) 66	8445 (954) 63	76	
8 (30)	386 (44) 100	1036 (117) 99	2263 (256) 97	3710 (419) 96	4847 (548) 95	6256 (707) 93	7485 (846) 88	8619 (974) 85	101	
10 (38)		947 (107) 126	2222 (251) 126	3448 (390) 125	4961 (561) 121	6119 (691) 119	7396 (836) 113	8637 (976) 109	127	
12 (45)		841 (95) 151	2108 (238) 150	3538 (400) 150	4685 (529) 149	6160 (696) 144	7371 (833) 140	8573 (969) 135	152	
14 (53)		748 (84) 176	2053 (232) 175	3237 (366) 174	4688 (530) 173	5978 (676) 168	7302 (825) 164	8533 (964) 158	177	
16 (61)		629 (71) 201	1920 (217) 200	3277 (370) 198	4494 (508) 197	5786 (654) 196	7104 (803) 187	8428 (952) 182	202	
18 (68)			1792 (202) 227	2996 (339) 226	4448 (503) 226	5712 (645) 221	6914 (781) 214	8253 (933) 211	228	
20 (76)			1631 (184) 252	2887 (326) 251	4129 (467) 249	5619 (635) 244	6831 (772) 236	8205 (927) 230	253	
22 (83)			1449 (164) 277	2726 (308) 275	3943 (446) 274	5346 (604) 271	6592 (745) 269	7926 (896) 267	278	
24 (91)			1304 (147) 302	2535 (286) 301	3871 (437) 300	5137 (580) 296	6401 (723) 293	7620 (861) 285	303	
25 (95)			1024 (116) 315	2574 (291) 314	3902 (441) 312	5085 (575) 310	6255 (707) 309	7500 (848) 302	316	
Max. Cont.				1805 (204) 378	3067 (347) 376	4416 (499) 370			379	
Max. Inter.										
1 RPM Stall Torque			2180 (246)	3035 (343)	4285 (484)	5348 (604)	6685 (755)			
Theo. Torque	729 (82)	1457 (165)	2914 (329)	4371 (494)	5828 (659)	7285 (823)	8742 (988)	10199 (1152)		

Areas within white represent maximum motor efficiencies.

4416 (499) Torque, lb-in (Nm)
370 Speed, RPM

DR 350 Performance Data

Flow GPM (LPM)	Pressure, psi (bars)							Max. Cont.	Max. Inter.	Theo. RPM
	250 (17)	500 (35)	1000 (69)	1500 (104)	2000 (138)	2500 (173)	3000 (207)	3500 (242)		
0.5 (2)	606 (69) 4	1243 (140) 3	2318 (262) 2						6	
1 (4)	660 (75) 10	1350 (153) 9	2733 (309) 7	4014 (454) 6					11	
2 (8)	667 (75) 21	1395 (158) 20	2880 (325) 17	4326 (489) 16	5727 (647) 14	6937 (784) 13	8119 (917) 11		22	
4 (15)	648 (73) 43	1405 (159) 42	2943 (333) 38	4443 (502) 36	5988 (677) 33	7342 (830) 31	8704 (984) 29	9935 (1123) 26	44	
6 (23)	594 (67) 65	1346 (152) 63	2901 (328) 61	4439 (502) 55	5926 (670) 51	7444 (841) 49	8940 (1010) 49	10220 (1155) 46	66	
8 (30)	494 (56) 87	1268 (143) 85	2808 (317) 83	4368 (494) 78	6002 (678) 72	7376 (833) 67	9010 (1018) 65	10367 (1172) 65	88	
10 (38)		1141 (129) 108	2700 (305) 105	4219 (477) 99	5798 (655) 92	7345 (830) 88	8801 (994) 85	10260 (1159) 83	109	
12 (45)		1068 (121) 130	2578 (291) 128	4113 (465) 122	5672 (641) 115	7231 (817) 107	8766 (991) 101	10342 (1169) 100	131	
14 (53)		907 (103) 151	2437 (275) 148	4001 (452) 145	5572 (630) 136	7212 (815) 130	8604 (972) 123	10284 (1162) 115	153	
16 (61)		755 (85) 174	2281 (258) 172	3818 (431) 168	5390 (609) 161	6991 (790) 152	8696 (983) 144	10099 (1141) 136	175	
18 (68)		587 (66) 196	2174 (246) 193	3823 (432) 190	5161 (583) 185	6800 (768) 171	8355 (944) 164	10012 (1131) 159	197	
20 (76)			1969 (223) 217	3459 (391) 211	5026 (568) 206	6637 (750) 196	8186 (925) 185	9742 (1101) 176	218	
22 (83)			1704 (193) 239	3293 (372) 236	4825 (545) 230	6408 (724) 219	8049 (909) 209	9666 (1092) 198	240	
24 (91)			1492 (169) 261	3085 (349) 257	4755 (537) 253	6179 (698) 243			262	
25 (95)				2874 (325) 272	4491 (507) 265	6082 (687) 254			273	
Max. Inter. 30 (114)				2258 (255) 326	3796 (429) 320	5354 (605) 315			327	
1 RPM Stall Torque			2160 (244)	3377 (382)	4867 (550)	5875 (664)	7037 (795)			
Theo. Torque	844 (95)	1688 (191)	3376 (381)	5064 (572)	6752 (763)	8439 (954)	10127 (1144)	11815 (1335)		

Areas within white represent maximum motor efficiencies.

5354 (605) Torque, lb-in (Nm)
315 Speed, RPM

DR 375 Performance Data

Flow GPM (LPM)	Pressure, psi (bars)						Max. Cont.	Max. Inter.	Theo. RPM
	250 (17)	500 (35)	1000 (69)	1500 (104)	2000 (138)	2500 (173)	3000 (207)	3500 (242)	
0.5 (2)	611 (69) 4								6
1 (4)	651 (74) 9	1425 (161) 8	2920 (330) 8	4369 (494) 7	5783 (653) 6	7283 (823) 5			11
2 (8)	676 (76) 20	1527 (173) 19	3133 (354) 18	4582 (518) 17	6065 (685) 15	7611 (860) 13	9038 (1021) 13		21
4 (15)	649 (73) 40	1399 (158) 40	3098 (350) 38	4731 (535) 37	6250 (706) 34	7814 (883) 32	9130 (1032) 30	10541 (1191) 30	41
6 (23)	588 (66) 60	1407 (159) 60	3058 (346) 59	4841 (547) 57	6300 (712) 54	7956 (899) 49	9561 (1080) 47	10898 (1231) 45	61
8 (30)	502 (57) 81	1301 (147) 80	2980 (337) 79	4749 (537) 77	6192 (700) 74	7948 (898) 70	9628 (1088) 65	10941 (1236) 62	82
10 (38)		1190 (134) 101	2856 (323) 100	4512 (510) 99	6139 (694) 95	7849 (887) 90	9437 (1066) 85	11029 (1246) 79	102
12 (45)		1097 (124) 121	2730 (309) 120	4385 (496) 119	6009 (679) 114	7817 (883) 109	9493 (1073) 104	11010 (1244) 99	122
14 (53)		961 (109) 141	2563 (290) 140	4217 (477) 138	6016 (680) 136	7556 (854) 130	9214 (1041) 123	10888 (1230) 117	142
16 (61)		728 (82) 162	2362 (267) 161	4005 (453) 159	5641 (637) 157	7489 (846) 150	9209 (1041) 144	10702 (1209) 136	163
18 (68)			2198 (248) 182	3842 (434) 180	5474 (619) 175	7190 (812) 171	8864 (1002) 165	10161 (1148) 162	183
20 (76)			2026 (229) 202	3685 (416) 201	5309 (600) 199	6994 (790) 192	8664 (979) 183	10137 (1145) 180	203
22 (83)			1764 (199) 222	3406 (385) 221	5065 (572) 219	6738 (761) 215	8435 (953) 210	9834 (1111) 201	223
24 (91)			1490 (168) 243	3204 (362) 241	5007 (566) 240	6471 (731) 235			244
25 (95)				3073 (347) 253	4905 (554) 250	6384 (721) 245			254
30 (114)				2314 (261) 303	3891 (440) 301	5514 (623) 300			304
1 RPM Stall Torque			2514 (284)	3873 (438)	5256 (594)	6721 (759)	8135 (919)		
Theo. Torque	908 (103)	1815 (205)	3631 (410)	5446 (615)	7261 (821)	9076 (1026)	10892 (1231)	12707 (1436)	

Areas within white represent maximum motor efficiencies.

5514 (623) Torque, lb-in (Nm)
300 Speed, RPM

DR 470 Performance Data

Flow GPM (LPM)	Pressure, psi (bars)					Max. Cont.	Max. Inter.	Theo. RPM
	250 (17)	500 (35)	1000 (69)	1500 (104)	2000 (138)	2500 (173)	3000 (207)	
0.5 (2)	815 (92) 3	1723 (195) 2	3306 (374) 1					5
1 (4)	967 (109) 7	1661 (188) 6	3701 (418) 5	5447 (615) 4				9
2 (8)	875 (99) 15	1924 (217) 14	3892 (440) 13	5910 (668) 12	7709 (871) 9	9436 (1066) 7	10855 (1227) 5	17
4 (15)	825 (93) 32	1887 (213) 30	3906 (441) 29	6086 (688) 28	8027 (907) 25	10008 (1131) 22	11886 (1343) 18	33
6 (23)	751 (85) 48	1771 (200) 48	3841 (434) 46	6074 (686) 44	8017 (906) 40	10098 (1141) 35	12056 (1362) 30	49
8 (30)	635 (72) 65	1645 (186) 64	3738 (422) 63	5834 (659) 61	7871 (889) 58	10106 (1142) 50	11963 (1352) 45	66
10 (38)	472 (53) 81	1493 (169) 80	3579 (404) 79	5657 (639) 77	7734 (874) 74	9871 (1115) 66	11958 (1351) 59	82
12 (45)		1348 (152) 97	3561 (402) 96	5377 (608) 94	7563 (855) 89	9836 (1111) 82	11861 (1340) 76	98
14 (53)		1175 (133) 114	3221 (364) 113	5292 (598) 112	7374 (833) 107	9643 (1090) 98	11673 (1319) 90	115
16 (61)		910 (103) 130	2947 (333) 129	5037 (569) 128	7110 (803) 123	9410 (1063) 114	11450 (1294) 104	131
18 (68)		661 (75) 146	2701 (305) 144	4908 (555) 143	6765 (764) 141	9033 (1021) 133	11214 (1267) 124	147
20 (76)			2489 (281) 163	4490 (507) 162	6597 (745) 156	8719 (985) 150	10940 (1236) 141	164
22 (83)			2011 (227) 179	4189 (473) 178	6322 (714) 176	8391 (948) 168	10462 (1182) 162	180
24 (91)			1705 (193) 194	3827 (432) 192	6079 (687) 191	8093 (915) 186		196
25 (95)				3743 (423) 204	5759 (651) 201	7928 (896) 191		205
30 (114)				2840 (321) 244	4761 (538) 242	6938 (784) 238		245
1 RPM Stall Torque			3206 (362)	5016 (567)	6787 (767)	8736 (987)	10397 (1175)	
Theo. Torque		1127 (127)	2253 (255)	4506 (509)	6760 (764)	9013 (1018)	11266 (1273)	13519 (1528)

Areas within white represent maximum motor efficiencies.

6938 (784) Torque, lb-in (Nm)
238 Speed, RPM

DR 540 Performance Data

Flow GPM (LPM)	Pressure, psi (bars)					Max. Cont.	Max. Inter.	Theo. RPM
	250 (17)	500 (35)	1000 (69)	1500 (104)	2000 (138)	2500 (173)		
0.5 (2)	953 (108) 3	1900 (215) 2						4
1 (4)	946 (107) 6	1995 (225) 6	4212 (476) 5	6284 (710) 5	8138 (920) 3			8
2 (8)	998 (113) 13	2133 (241) 12	4403 (498) 11	6620 (748) 11	8674 (980) 9	10798 (1220) 8		15
4 (15)	1014 (115) 28	2137 (242) 27	4491 (508) 26	6893 (779) 25	9188 (1038) 24	11201 (1266) 20		29
6 (23)	902 (102) 42	2067 (234) 42	4465 (505) 40	6821 (771) 38	9022 (1019) 36	11275 (1274) 32		43
8 (30)	792 (89) 56	1962 (222) 56	4373 (494) 55	6759 (764) 52	9029 (1020) 48	11325 (1280) 43		57
10 (38)	630 (71) 70	1782 (201) 70	4224 (477) 68	6639 (750) 66	8994 (1016) 62	11299 (1277) 57		71
12 (45)	417 (47) 84	1661 (188) 84	4027 (455) 84	6455 (729) 81	8858 (1001) 76	11394 (1288) 69		85
14 (53)		1397 (158) 98	3803 (430) 97	6214 (702) 96	8803 (995) 89	11184 (1264) 82		99
16 (61)		1170 (132) 113	3564 (403) 112	5930 (670) 110	8353 (944) 106	10970 (1240) 98		114
18 (68)		856 (97) 127	3236 (366) 127	5664 (640) 126	8276 (935) 120	10557 (1193) 113		128
20 (76)		554 (63) 141	2962 (335) 140	5345 (604) 139	7767 (878) 135	10228 (1156) 129		142
22 (83)			2680 (303) 155	4972 (562) 153	7420 (838) 152	9868 (1115) 145		156
24 (91)			2141 (242) 169	4622 (522) 167	7194 (813) 164	9517 (1075) 161		170
25 (95)			1998 (226) 176	4338 (490) 175	6832 (772) 174	9514 (1075) 165		177
30 (114)			864 (98) 211	3365 (380) 210	5834 (659) 209			212
1 RPM Stall Torque			4210 (476)	6123 (692)	8121 (918)	10335 (1168)		
Theo. Torque		1302 (147)	2604 (294)	5207 (588)	7811 (883)	10414 (1177)	13018 (1471)	

Areas within white represent maximum motor efficiencies.

1328 (150) Torque, lb-in (Nm) 935 Speed, RPM
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DR 750 Performance Data

Flow GPM (LPM)	Pressure, psi (bars)			Max. Cont.	Max. Inter.	Theo. RPM
	250 (17)	500 (35)	1000 (69)	1500 (104)	2000 (138)	
0.5 (2)	1118 (126) 1	2450 (277) 1				3
1 (4)	1378 (156) 4	2537 (287) 3	5552 (627) 3	8155 (922) 2		6
2 (8)	1357 (153) 9	2853 (322) 9	5873 (664) 8	8722 (986) 7	11579 (1308) 6	11
4 (15)	1312 (148) 20	2898 (327) 19	6071 (686) 18	9085 (1027) 17	12161 (1374) 16	21
6 (23)	1230 (139) 30	2860 (323) 29	6113 (691) 28	9200 (1040) 27	12328 (1393) 25	31
8 (30)	1085 (123) 40	2712 (306) 40	6026 (681) 39	9207 (1040) 36	12211 (1380) 34	41
10 (38)	874 (99) 50	2571 (291) 49	5897 (666) 48	9162 (1035) 47	12382 (1399) 45	51
12 (45)	664 (75) 60	2423 (274) 59	5688 (643) 58	9012 (1018) 57	12318 (1392) 55	61
14 (53)	408 (46) 70	2113 (239) 70	5451 (616) 69	8814 (996) 68	12146 (1372) 64	71
16 (61)		1682 (190) 81	5089 (575) 80	8479 (958) 78	11742 (1327) 76	82
18 (68)		1325 (150) 91	4738 (535) 90	8150 (921) 88	11494 (1299) 86	92
20 (76)		949 (107) 101	4298 (486) 100	7771 (878) 100	11090 (1253) 97	102
22 (83)			3978 (449) 111	7273 (822) 110	10598 (1198) 108	112
24 (91)			3401 (384) 121	6736 (761) 120	10117 (1143) 117	122
25 (95)			3268 (369) 126	6523 (737) 125	9830 (1111) 124	127
30 (114)			1025 (116) 151	4374 (494) 149		152
1 RPM Stall Torque						
			5424 (613)	8053 (910)	10826 (1223)	
Theo. Torque						
	1815 (205)	3631 (410)	7261 (821)	10892 (1231)	14522 (1641)	

Areas within white represent maximum motor efficiencies.

7790 (880) Torque, lb-in (Nm)
148 Speed, RPM