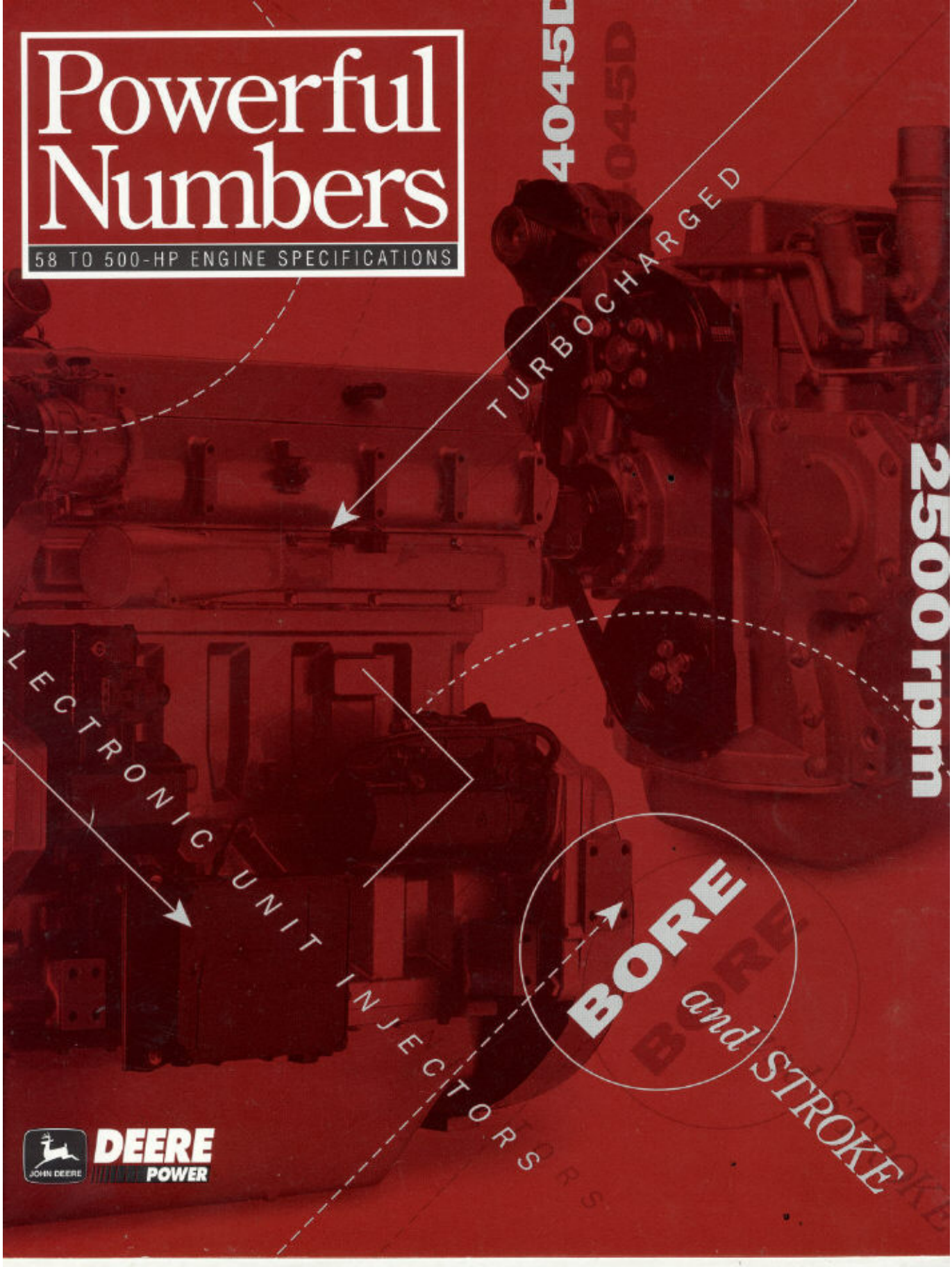
Powerful Numbers

58 TO 500-HP ENGINE SPECIFICATIONS



JOHN DEERE POWER

Powerful

bhp (kW)

58 TO 500-HP ENG

Industrial Diesel Engines

Model	Power (w/o fan @ rated rpm) Gross Continuous kW	hp	Max Rated Speed rpm	Power (w/o fan @ rated rpm) Gross Intermittent kW	hp	Engine Power Ratings for Generator Set Applications: Standby 1800 rpm kW	hp	Standby 1500 rpm kW	hp	Prime 1800 rpm kW	hp	Prime 1500 rpm Kw	hp
3029D	39	52	2500	43	58	35	47	31	41	31	42	27	36
3029T	47/53	63/71	2500	59	70/79	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4045D	54/57	72/76	2500	60/63	80/85	53	71	44	59	48	64	40	54
4045T*	77	103	2500	86	115	75	100	62	83	67	90	56	75
4045T*	84	113	2400	93	125	84	113	70	94	76	102	63	84
4045H	94	126	2400	104	140	95	127	80	107	86	115	72	96
6068D	84	113	2500	93	125	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6068T*	114	153	2500	127	170	112	150	94	126	101	135	85	114
6068T*	124	166	2400	138	185	124	166	104	139	112	150	94	126
6068H	141	189	2400	157	210	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6068H	151	203	2400	168	225	148	198	123	165	133	178	111	149
6081T	127	170	2200	149	200	157	211	131	175	142	190	119	160
6081A*	175	235	2200	205	275	224	300	187	250	187	250	157	210
6081H	190	255	2200	224	300	240	322	200	268	218	292	182	244
6105A	190	255	2100	224	300	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6105H	222	298	2100	242	325	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6105H	222	298	2100	261	350	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6125A	253	340	2100	242	325	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6125A	253	340	2100	261	350	280	375	234	314	254	341	213	285
6125A	253	340	2100	280	375	300	402	254	340	273	366	231	310
6125A	253	340	2100	298	400	330	442	277	371	300	402	252	338
6125H	317	425	2100	317	425	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6125H	317	425	2100	336	450	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6125H	317	425	2100	354	475	360	483	302	405	327	439	275	368
6125H	317	425	2100	373	500	420	563	352	472	382	512	320	429

POWERTECH

*Other ratings available.

If you're looking for reliable, job-proven power, Deere Power is your source. We deliver easy-starting, high-torque, fuel-efficient engines

Numbers

E SPECIFICATIONS

Max. Torque		Displacement		Configuration			Bore		Stroke		Length		Width		Height		Weight	
Nm	lb.-ft.	L	in.3	In-line	Fuel Sys.	Aspiration	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	kg	lb.
208	153	2.9	179	3 cyl	DI	Natural	106	4.19	110	4.33	716	28.2	519	20.4	819	32.2	316	696
239/269	176/198	2.9	179	3 cyl	DI	Turbo	106	4.19	110	4.33	716	28.2	519	20.4	928	36.5	328	722
292/302	215/223	4.5	276	4 cyl	DI	Natural	106	4.19	127	5.00	861	33.9	598	23.5	854	33.6	387	851
395	291	4.5	276	4 cyl	DI	Turbo	106	4.19	127	5.00	861	33.9	598	23.5	980	38.6	396	872
445	328	4.5	276	4 cyl	DI	Turbo	106	4.19	127	5.00	861	33.9	598	23.5	980	38.6	396	872
498	367	4.5	276	4 cyl	DI	Air-to-Air	106	4.19	127	5.00	861	33.9	598	23.5	980	38.6	396	872
448	330	6.8	414	6 cyl	DI	Natural	106	4.19	127	5.00	1117	44.0	598	23.5	956	37.6	522	1149
606	447	6.8	414	6 cyl	DI	Turbo	106	4.19	127	5.00	1117	44.0	598	23.5	984	38.7	551	1212
656	484	6.8	414	6 cyl	DI	Turbo	106	4.19	127	5.00	1117	44.0	598	23.5	984	38.7	551	1212
771	568	6.8	414	6 cyl	DI	Air-to-Air	106	4.19	127	5.00	1116	43.9	623	24.5	1009	39.7	550	1210
839	619	6.8	414	6 cyl	DI	Air-to-Air	106	4.19	127	5.00	1141	44.9	623	24.5	1009	39.7	568	1250
891	657	8.1	496	6 cyl	DI	Turbo	116	4.56	129	5.06	1208	47.6	737	29.0	1055	41.5	735	1620
1178	869	8.1	496	6 cyl	DI	Air-to-Water	116	4.56	129	5.06	1208	47.6	737	29.0	1055	41.5	796	1755
1393	1027	8.1	496	6 cyl	DI	Air-to-Air	116	4.56	129	5.06	1208	47.6	689	27.1	1066	42.0	776	1710
1370	1011	10.5	644	6 cyl	EUI	Air-to-Water	127	5.00	138	5.43	1326	52.2	741	29.2	1224	48.2	1211	2665
1487	1097	10.5	644	6 cyl	EUI	Air-to-Air	127	5.00	138	5.43	1326	52.2	808	31.8	1239	48.8	1200	2640
1606	1184	10.5	644	6 cyl	EUI	Air-to-Air	127	5.00	138	5.43	1326	52.2	808	31.8	1239	48.8	1200	2640
1487	1097	12.5	766	6 cyl	EUI	Air-to-Water	127	5.00	165	6.50	1326	52.2	741	29.2	1224	48.2	1216	2675
1610	1187	12.5	766	6 cyl	EUI	Air-to-Water	127	5.00	165	6.50	1326	52.2	741	29.2	1224	48.2	1216	2675
1722	1270	12.5	766	6 cyl	EUI	Air-to-Water	127	5.00	165	6.50	1326	52.2	741	29.2	1224	48.2	1216	2675
1835	1353	12.5	766	6 cyl	EUI	Air-to-Water	127	5.00	165	6.50	1326	52.2	741	29.2	1224	48.2	1216	2675
1951	1439	12.5	766	6 cyl	EUI	Air-to-Air	127	5.00	165	6.50	1326	52.2	808	31.8	1239	48.8	1205	2650
2067	1524	12.5	766	6 cyl	EUI	Air-to-Air	127	5.00	165	6.50	1326	52.2	808	31.8	1239	48.8	1205	2650
2176	1605	12.5	766	6 cyl	EUI	Air-to-Air	127	5.00	165	6.50	1326	52.2	808	31.8	1239	48.8	1205	2650
2292	1690	12.5	766	6 cyl	EUI	Air-to-Air	127	5.00	165	6.50	1326	52.2	808	31.8	1239	48.8	1205	2650

ou and your customers expect. John Deere diesel engines for generator sets are also available. Contact us at 1-800-J D ENGINE (1-800-533-6446) for specifications.

29 HAZIRAN 1998

Powerful

bhp (kW)

58-375 HP ENGIN

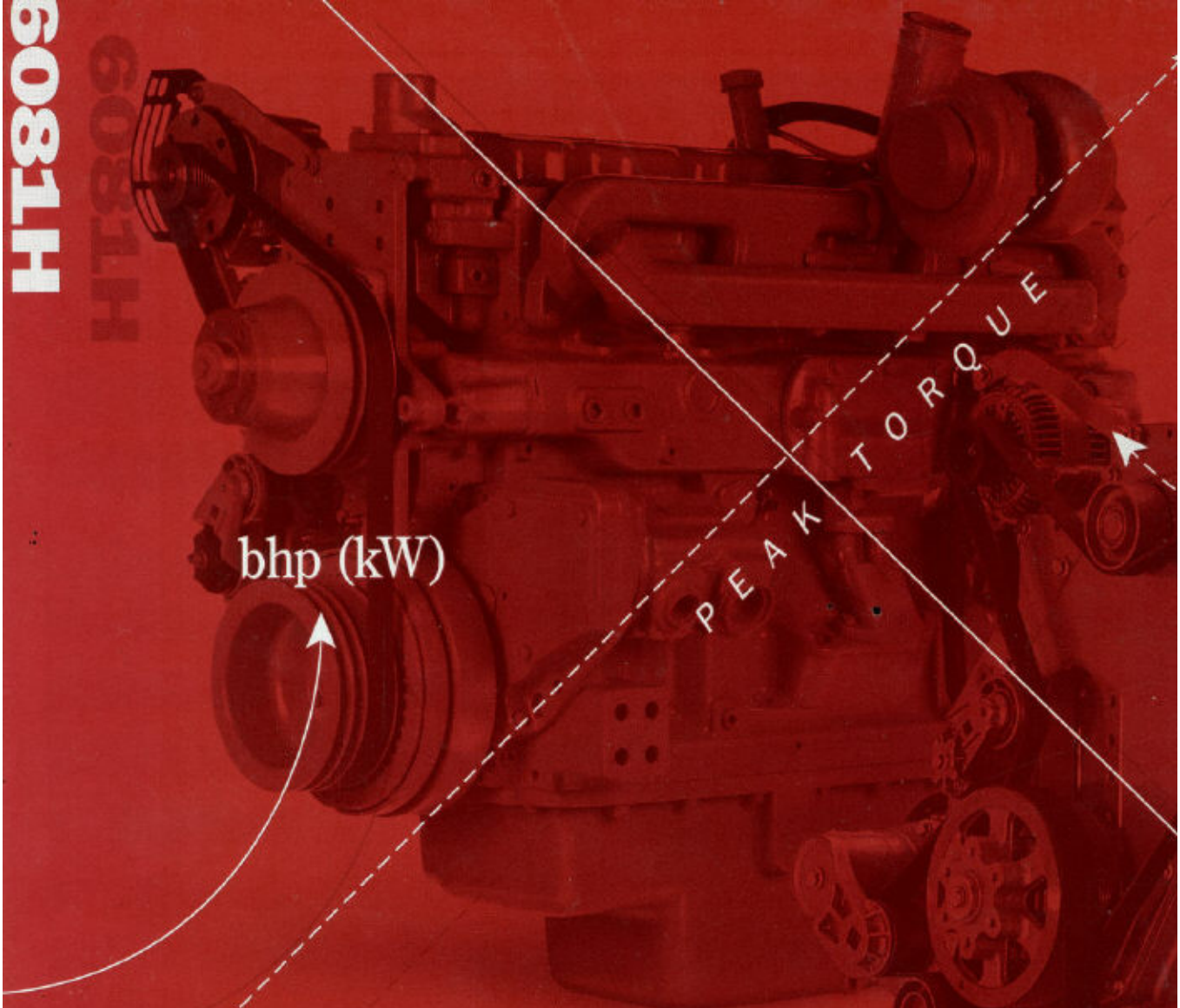
MODEL	3179D	3179T	4039D	4039T	4239A	4045D	4045T	6059D
Configuration								
Engine Type	3 cyl.	3 cyl.	4 cyl.	4 cyl.	4 cyl.	4 cyl.	4 cyl.	6 cyl.
Fuel System	Direct Injection	Direct Injection	Direct Injection	Direct Injection	Direct Injection	Direct Injection	Direct Injection	Direct Injection
Aspiration	Natural	Turbo	Natural	Turbo	Water-to-Air Aftercooled	Natural	Turbo	Natural
Bore, in. (mm)	4.19 (106)	4.19 (106)	4.19 (106)	4.19 (106)	4.19 (106)	4.19 (106)	4.19 (106)	4.19 (106
Stroke, in. (mm)	4.33 (110)	4.33 (110)	4.33 (110)	4.33 (110)	4.33 (110)	5.00 (127)	5.00 (127)	4.33 (110)
Displacement, cu. in. (L)	179 (2.9)	179 (2.9)	239 (3.9)	239 (3.9)	239 (3.9)	276 (4.5)	276 (4.5)	359 (5.9)
Gross Intermittent Power (@ rated rpm)	58 hp (43 kW) @ 2,500 rpm	79 hp (59 kW) @ 2,500 rpm	80 hp (60 kW) @ 2,500 rpm	110 hp (82 kW) @ 2,500 rpm	117 hp (87 kW) @ 2,500 rpm	85 hp (63 kW) @ 2,400 rpm	115 hp (86 kW) @ 2,400 rpm	120 hp (89 kW) @ 2,500 rpm
Gross Continuous Power (@ rated rpm)	52 hp (39 kW) @ 2,500 rpm	67 hp (50 kW) @ 2,500 rpm	71 hp (53 kW) @ 2,500 rpm	95 hp (71 kW) @ 2,500 rpm	99 hp (74 kW) @ 2,500 rpm	78 hp (58 kW) @ 2,400 rpm	102 hp (76 kW) @ 2,400 rpm	107 hp (80 kW) @ 2,500 r
Generator, Standby Power								
1800	47 hp (35 kW)	N/A	66 hp (49 kW)	102 hp (76 kW)	N/A	N/A	113 hp (84 kW)	N/A
1500	41 hp (31 kW)	N/A	56 hp (40 kW)	85 hp (63 kW)	N/A	N/A	94 hp (70 kW)	N/A
Generator, Prime Power								
1800	42 hp (31 kW)	N/A	58 hp (43 kW)	92 hp (69 kW)	N/A	N/A	102 hp (76 kW)	N/A
1500	36 hp (27 kW)	N/A	48 hp (36 kW)	76 hp (57 kW)	N/A	N/A	85 hp (63 kW)	N/A
Maximum Torque	143 lb.-ft. (194 N•m)	196 lb.-ft. (266 N•m)	195 lb.-ft. (265 N•m)	270 lb.-ft. (336 N•m)	286 lb.-ft. (388 N•m)	228 lb.-ft. (309 N•m)	316 lb.-ft. (429 N•m)	287 lb.-ft (389 N•m)
Length, in. (mm)	28.2 (716)	28.2 (716)	33.2 (844)	34.2 (869)	33.6 (853)	33.2 (844)	34.2 (869)	44.3 (112
Width, in. (mm)	20.4 (519)	20.4 (518)	20.4 (519)	21.1 (536)	20.5 (520)	21.7 (550)	20.1 (512)	22.4 (569)
Height, in. (mm)	32.3 (820)	36.5 (927)	32.2 (844)	39.1 (993)	36.7 (932)	34.3 (871)	40.5 (1029)	36.8 (935
Weight, lb. (kg)	714 (324)	741 (336)	815 (370)	915 (415)	1,054 (479)	945 (429)	1,005 (456)	1,130 (513)

Numbers

SPECIFICATIONS

6059T	6359A	6068D	6068T	6076T	6076A	6076H	6619A	6101A	6101H
6 cyl.	6 cyl.	6 cyl.	6 cyl.	6 cyl.	6 cyl.	6 cyl.	6 cyl.	6 cyl.	6 cyl.
Direct Injection	Direct Injection	Direct Injection	Direct Injection	Direct Injection	Direct Injection	Direct Injection	Direct Injection	Direct Injection	Direct Injection
Turbo	Water-to-Air Aftercooled	Natural	Turbo	Turbo	Water-to-Air Aftercooled	Air-to-Air Aftercooled	Water-to-Air Aftercooled	Water-to-Air Aftercooled	Air-to-Air Aftercooled
.19 (106)	4.19 (106)	4.19 (106)	4.19 (106)	4.56 (116)	4.56 (116)	4.56 (116)	5.12 (130)	5.12 (130)	5.12 (130)
4.33 (110)	4.33 (110)	5.00 (127)	5.00 (127)	4.75 (121)	4.75 (121)	4.75 (121)	5.00 (127)	5.00 (127)	5.00 (127)
359 (5.9)	359 (5.9)	414 (6.8)	414 (6.8)	466 (7.6)	466 (7.6)	466 (7.6)	619 (10.1)	619 (10.1)	619 (10.1)
165 hp (123 kW) @ 2,500 rpm	176 hp (131 kW) @ 2,500 rpm	130 hp (97 kW) @ 2,400 rpm	175 hp (130 kW) @ 2,400 rpm	200 hp (149 kW) @ 2,200 rpm	225/250 hp (168/186 kW) @ 2,200 rpm	275 hp (205 kW) @ 2,200 rpm	301 hp (225 kW) @ 2,100 rpm	300/325 hp (224/243 kW) @ 2,100 rpm	350/375 hp (261/280 kW) @ 2,100 rpm
143 hp (107 kW) 2,500 rpm	150 hp (112 kW) @ 2,500 rpm	117 hp (87 kW) @ 2,400 rpm	153 hp (114 kW) @ 2,400 rpm	170 hp (127 kW) @ 2,200 rpm	215 hp (160 kW) @ 2,200 rpm	235 hp (175 kW) @ 2,200 rpm	255 hp (190 kW) @ 2,100 rpm	275 hp (205 kW) @ 2,100 rpm	320 hp (239 kW) @ 2,100 rpm
60/166 hp 2/124 kW)	151 hp (113 kW)	N/A	N/A	211 hp (157 kW)	250/300 hp (187/224 kW)	N/A	312 hp (233 kW)	N/A	N/A
26/140 hp 1/104 kW)	128 hp (95 kW)	N/A	N/A	175 hp (131 kW)	210/250 hp (157/187 kW)	N/A	283 hp (211 kW)	N/A	N/A
34/150 hp (100/112 kW)	145 hp (108 kW)	N/A	N/A	190 hp (142 kW)	225/250 hp (168/186 kW)	N/A	286 hp (213 kW)	N/A	N/A
11/126 hp (83/94 kW)	121 hp (90 kW)	N/A	N/A	160 hp (119 kW)	190/210 hp (142/157 kW)	N/A	255 hp (190 kW)	N/A	N/A
397 lb.-ft. (538 N•m)	435 lb.-ft. (590 N•m)	335 lb.-ft. (455 N•m)	473 lb.-ft. (641 N•m)	619 lb.-ft. (840 N•m)	698/775 lb.-ft. (946/1051 N•m)	825 lb.-ft. (1119 N•m)	934 lb.-ft. (1266 N•m)	981/1,054 lb.-ft. (1330/1429 N•m)	1,135/1,225 lb.-ft. (1539/1661 N•m)
4.3 (1125)	43.6 (1108)	44.3 (1125)	44.3 (1125)	47.6 (1209)	47.5 (1207)	47.5 (1207)	51.6 (1311)	51.9 (1318)	51.9 (1318)
22.4 (569)	21.9 (557)	20.2 (513)	20.2 (513)	23.9 (607)	23.9 (607)	23.9 (607)	26.8 (681)	27.4 (697)	25.5 (649)
0.7 (1033)	40.7 (1034)	40.0 (1017)	42.1 (1070)	46.2 (1172)	46.2 (1172)	46.8 (1188)	50.9 (1294)	50.8 (1291)	52.6 (1336)
1,175 (533)	1,365 (620)	1,300 (590)	1,315 (596)	1,572 (713)	1,849 (840)	1,615 (733)	2,440 (1109)	2,440 (1109)	2,431 (1105)

28 EYLCL 1994



NORTH AMERICA
Deere Power Systems
3801 West Ridgeway Avenue
P.O. Box 5100
Waterloo, Iowa 50704-5100

1-800-J D ENGINE (1-800-533-6446)
FAX: 319/292-5075

EUROPE, AFRICA & MIDDLE EAST
Deere Power Systems,
John Deere Engine Division
Usine de Saran, BP 13
45401 Fleury les Aubrais, France

TEL: (33) 238 82 61 19
FAX: (33) 238 82 60 00

6125H

DKE5.08 Litho in U.S.A. (96-04)