



Short Form Selection Guide Brush Commutated DC Motors

	Pittman P/N	Cont. Torque (oz-in)	No Load Speed (rpm)	Peak Torque (oz-in)	Kt (oz-in/A)	Kv (V/krpm)	Rated Voltage	Encoder	Cont. Amps	Peak Amps	Volts
8000 LO-COG Brush Commutated DC Motors	8322S001	1.58	7847	7.4	1.94	1.43	12	500 CPR	0.81	3.81	11.22
	8322S002	1.58	7847	7.4	3.88	2.87	24	NONE	0.41	1.91	22.52
	8322S003	1.58	7847	7.4	3.88	2.87	24	500 CPR	0.41	1.91	22.52
	8322S008	1.58	7847	7.4	1.94	1.43	12	NONE	0.81	3.81	11.22
	8324S004	2.62	10158	16.8	1.54	1.14	12	NONE	1.70	10.91	11.58
	8324S005	2.62	10158	16.8	1.54	1.14	12	500 CPR	1.70	10.91	11.58
	8324S006	2.62	10158	16.8	3.09	2.29	24	NONE	0.85	5.44	23.26
9000 LO-COG Brush Commutated DC Motors	9232S001	2.3	7015	13.8	2.2	1.63	12	500 CPR	1.05	6.27	11.43
	9232S002	2.3	7015	13.8	4.4	3.25	24	NONE	0.52	3.14	22.80
	9232S003	2.3	7015	13.8	4.4	3.25	24	500 CPR	0.52	3.14	22.80
	9233S012	4.7	5993	31.6	2.67	1.98	12	NONE	1.76	11.84	11.87
	9233S013	4.7	5993	31.6	5.28	3.9	24	NONE	0.89	5.98	23.37
	9234S004	6.1	6151	41.3	2.58	1.91	12	NONE	2.36	16.01	11.75
	9234S005	6.1	6151	41.3	2.58	1.91	12	500 CPR	2.36	16.01	11.75
	9234S006	6.1	6151	41.3	5.17	3.82	24	NONE	1.18	7.99	23.50
	9234S007	6.1	6151	41.3	5.17	3.82	24	500 CPR	1.18	7.99	23.50
	9236S008	9.5	4913	61.8	6.49	4.8	24	NONE	1.46	9.52	23.58
	9236S009	9.5	4913	61.8	6.49	4.8	24	500 CPR	1.46	9.52	23.58
	9237S010	11.5	5331	77	6	4.44	24	NONE	1.92	12.83	23.67
9237S011	11.5	5331	77	6	4.44	24	500 CPR	1.92	12.83	23.67	
14000 LO-COG Brush Commutated DC Motors	14201S001	10	4230	62.8	3.72	2.75	12	500 CPR	2.69	16.88	11.63
	14201S002	10	4230	62.8	7.44	5.5	24	NONE	1.34	8.44	23.27
	14201S003	10	4230	62.8	7.44	5.5	24	500 CPR	1.34	8.44	23.27
	14203S009	21	3456	159	9.26	6.85	24	NONE	2.27	17.17	23.67
	14203S010	21	3456	159	4.63	3.42	12	NONE	4.54	34.34	11.82
	14204S004	26	3702	204	4.33	3.21	12	500 CPR	6.00	47.11	11.88
	14204S005	26	3702	204	8.67	6.41	24	NONE	3.00	23.53	23.73
	14204S006	26	3702	204	8.67	6.41	24	500 CPR	3.00	23.53	23.73
	14206S011	36.5	3216	284	10	7.39	24	NONE	3.65	28.40	23.77
	14207S007	50	3211	410	10	7.39	24	NONE	5.00	41.00	23.73
14207S008	50	3211	410	10	7.39	24	500 CPR	5.00	41.00	23.73	

Brush Commutated DC Gearmotors

Pittman P/N	Ratio X:1	Continuous Torque (oz-in)	No-Load Speed (rpm)	Peak Torque (oz-in)	Kt (oz-in/A)	Kv (v/krpm)	Rated Voltage	Encoder	Cont. Amps	Peak Amps	Volts
GM8712-11	6.3	6	1227	26	3.06	2.27	19.1	NONE	0.31	1.35	17.55
GM8712-21	19.5	6.18	396	72	3.06	2.27	19.1	NONE	0.10	1.21	17.53
GM8712-31	60.5	46	128	201	3.06	2.27	19.1	NONE	0.25	1.09	17.58
GM8712-41	187	100	41	557	3.06	2.27	19.1	NONE	0.17	0.97	17.40
GM8712S030	187	100	41	557	3.87	2.86	24	NONE	0.14	0.77	21.93
GM8724S008	6.3	14.5	720	42	3.09	2.29	12	NONE	0.74	2.16	10.39
GM8724S009	6.3	14.5	720	42	3.09	2.29	12	500 CPR	0.74	2.16	10.39
GM8724S010	6.3	14.5	720	42	6.18	4.57	24	NONE	0.37	1.08	20.73
GM8724S011	6.3	14.5	720	42	6.18	4.57	24	500 CPR	0.37	1.08	20.73
GM8724S012	9.9	21	455	60	3.09	2.29	12	NONE	0.69	1.96	10.32
GM8724S013	9.9	21	455	60	6.18	4.57	24	NONE	0.34	0.98	20.59
GM8724S014	19.5	41.5	230	117	3.09	2.29	12	NONE	0.69	1.94	10.27
GM8724S015	19.5	41.5	230	117	3.09	2.29	12	500 CPR	0.69	1.94	10.27
GM8724S016	19.5	41.5	230	117	6.18	4.57	24	NONE	0.34	0.97	20.50
GM8724S017	19.5	41.5	230	117	6.18	4.57	24	500 CPR	0.34	0.97	20.50
GM8724S018	30.9	61	146	168	3.09	2.29	12	NONE	0.64	1.76	10.33
GM8724S019	30.9	61	146	168	6.18	4.57	24	NONE	0.32	0.88	20.62
GM8724S020	60.5	113	75	328	3.09	2.29	12	NONE	0.60	1.75	10.39
GM8724S021	60.5	113	75	328	3.09	2.29	12	500 CPR	0.60	1.75	10.39
GM8724S022	60.5	113	75	328	6.18	4.57	24	NONE	0.30	0.88	20.74
GM8724S023	60.5	113	75	328	6.18	4.57	24	500 CPR	0.30	0.88	20.74
GM8724S024	95.9	173	47	466	3.09	2.29	12	NONE	0.58	1.57	10.32
GM8724S025	95.9	173	47	466	6.18	4.57	24	NONE	0.29	0.79	20.60
GM8724S026	187.7	175	24	911	3.09	2.29	12	NONE	0.30	1.57	10.32
GM8724S027	187.7	175	24	911	3.09	2.29	12	500 CPR	0.30	1.57	10.32
GM8724S028	187.7	175	24	911	6.18	4.57	24	NONE	0.15	0.79	20.59
GM8724S029	187.7	175	24	911	6.18	4.57	24	500 CPR	0.15	0.79	20.59
GM9234S016	11.5	61	424	304	3.29	2.43	12	NONE	1.61	8.03	11.85
GM9234S017	11.5	61	424	304	6.5	4.81	24	NONE	0.82	4.07	23.45
GM9234S022	38.3	187	127	911	3.29	2.43	12	NONE	1.48	7.23	11.82
GM9234S023	38.3	187	127	911	6.5	4.81	24	NONE	0.75	3.66	23.40
GM9234S028	127.8	500	36	2747	3.29	2.43	12	NONE	1.19	6.53	11.18
GM9234S029	127.8	500	36	2747	6.5	4.81	24	NONE	0.60	3.31	22.13
GM9234S030	218.4	500	21	4199	3.29	2.43	12	NONE	0.70	5.84	11.14
GM9234S031	218.4	500	21	4199	3.29	2.43	12	500 CPR	0.70	5.84	11.14
GM9234S032	218.4	500	21	4199	6.5	4.81	24	NONE	0.35	2.96	22.06
GM9234S033	218.4	500	21	4199	6.5	4.81	24	500 CPR	0.35	2.96	22.06
GM9236S012	5.9	48	790	286	3.25	2.4	12	NONE	2.50	14.92	11.19
GM9236S013	5.9	48	790	286	3.25	2.4	12	500 CPR	2.50	14.92	11.19
GM9236S014	5.9	48	790	286	6.49	4.8	24	NONE	1.25	7.47	22.37
GM9236S015	5.9	48	790	286	6.49	4.8	24	500 CPR	1.25	7.47	22.37

GM9236S018	19.7	153	236	860	3.25	2.4	12	NONE	2.39	13.43	11.16
GM9236S019	19.7	153	236	860	3.25	2.4	12	500 CPR	2.39	13.43	11.16
GM9236S020	19.7	153	236	860	6.49	4.8	24	NONE	1.20	6.73	22.32
GM9236S021	19.7	153	236	860	6.49	4.8	24	500 CPR	1.20	6.73	22.32
GM9236S024	65.5	480	71	2585	3.25	2.4	12	NONE	2.25	12.14	11.16

Pittman P/N	Ratio X:1	Cont. Torque (oz-in)	No-Load Speed	Peak Torque (oz-in)	Kt (oz-in/A)	Kv (v/krpm)	Rated Voltage	Encoder	Cont. Amps	Peak Amps	Volts
GM9236S025	65.5	480	71	2585	3.25	2.4	12	500 CPR	2.25	12.14	11.16
GM9236S026	65.5	480	71	2585	6.49	4.8	24	NONE	1.13	6.08	22.32
GM9236S027	65.5	480	71	2585	6.49	4.8	24	500 CPR	1.13	6.08	22.32
GM9413-1	5.9	15	474	36	5.16	4.14	12	NONE	0.49	1.18	11.58
GM9413-2	19.7	45	142	109	5.6	4.14	12	NONE	0.41	0.99	11.58
GM9413-3	65.5	136	43	326	5.6	4.14	12	NONE	0.37	0.89	11.66
GM9413-4	218.4	175	13	973	5.6	4.14	12	NONE	0.14	0.80	11.75
GM9413-5	728	175	4	2913	5.6	4.14	12	NONE	0.04	0.71	12.06
GM9634S001	24	95	256	634	5.17	3.82	24	500 CPR	0.77	5.11	23.47
GM9634S002	75	265	82	1580	5.17	3.82	24	NONE	0.68	4.07	23.49
GM9634S003	144	500	43	3033	5.17	3.82	24	NONE	0.67	4.07	23.65
GM14604S001	24	420	154	3133	8.67	6.41	24	500 CPR	2.02	15.06	23.69
GM14604S002	75	1125	49	7803	8.67	6.41	24	NONE	1.73	12.00	23.56
GM14902S017	65.5	500	59	4625	3.9	2.88	12	NONE	1.96	18.11	11.13
GM14902S018	65.5	500	59	4625	3.9	2.88	12	500 CPR	1.96	18.11	11.13
GM14902S019	65.5	500	59	4625	7.8	5.77	24	NONE	0.98	9.05	22.30
GM14902S020	65.5	500	59	4625	7.8	5.77	24	500 CPR	0.98	9.05	22.30
GM14904S009	5.9	124	597	975	4.33	3.21	12	NONE	4.85	38.16	11.31
GM14904S010	5.9	124	597	975	4.33	3.21	12	500 CPR	4.85	38.16	11.31
GM14904S011	5.9	124	597	975	8.67	6.41	24	NONE	2.42	19.06	22.58
GM14904S012	5.9	124	597	975	8.67	6.41	24	500 CPR	2.42	19.06	22.58
GM14904S013	19.7	374	179	2934	4.33	3.21	12	NONE	4.38	34.40	11.32
GM14904S014	19.7	374	179	2934	4.33	3.21	12	500 CPR	4.38	34.40	11.32
GM14904S015	19.7	374	179	2934	8.67	6.41	24	NONE	2.19	17.18	22.60
GM14904S016	19.7	374	179	2934	8.67	6.41	24	500 CPR	2.19	17.18	22.60

Brushless DC Servo Motors

	Pittman P/N	Continuous Torque (oz-in)	No Load Speed (rpm)	Peak Torque (oz-in)	Kt (oz-in/A)	Kv (V/krpm)	Rated Voltage	Encoder	Cont. Amps	Peak Amps	Volts
ELCOM SL Brushless DC Motors	3441S002-R2	4.11	7150	13.3	4.47	3.31	24	500 CPR	0.92	2.98	23.67
	3442S004-R2	5.78	7400	26.2	3.44	2.54	19.1	500 CPR	1.68	7.62	18.80
	3442S004-R2	5.78	7400	26.2	6.88	5.09	38.2	500 CPR	0.84	3.81	37.67
	4441S009	11.9	5780	71.2	3.53	2.61	15.1	500 CPR	3.37	20.17	15.09
	4441S010	11.9	5780	71.2	7.05	5.21	30.3	500 CPR	1.69	10.10	30.11
	4442S011	14.3	5925	100.2	4.33	3.2	19.1	500 CPR	3.30	23.14	18.96
	4442S012	14.3	5925	100.2	8.67	6.41	38.2	500 CPR	1.65	11.56	37.98
	4443S013	19.1	5860	149	5.55	4.1	24	500 CPR	3.44	26.85	24.03
	4443S014	19.1	5860	149	11.1	8.21	48	500 CPR	1.72	13.42	48.11
	5441S005	25	5025	171	2.96	2.19	12	500 CPR	8.45	57.77	11.00
5441S006	25	5025	171	6.46	4.77	24	500 CPR	3.87	26.47	23.97	



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