



CNC Parts Dept

www.cncpartsdept.com

Phone 858.922.4967

Fax 858.274.9861

KT = Torque/Amp KV = Volts/1000 RPM RA = Ohms LA = Inductance

DC Servo Motors: Glentek Specifications with Equivalent SEM Alternatives -- A Cross Reference Chart

SEM Number	Glentek Number	Pwr @ Max Speed		Cont. Stall Rating			Peak Stall Torque		KT		RA Ohms	LA mH	RPM Max	KV V/kRPM	Armature Inertia	
		HP	KW	Lb-in	Nm	Amps	Lb-in	Nm	Lb-in/A	Nm/A					Lb-in-sec ²	Kg-m ²
MTS22D2	GM2320-7	0.12	0.09	1.9	0.21	3	9.5	1.07	0.63	0.07	1.6	3.3	4000	7.4	0.00023	0.000026
MTS22D2	GM2320-16	0.12	0.09	1.9	0.21	1.4	9.5	1.07	1.34	0.15	11.7	11	4000	15.8	0.00023	0.000026
MTS22D2	GM2340-8	0.25	0.186	3.1	0.35	5	15.5	1.75	0.63	0.07	0.9	2.5	5000	7.5	0.0004	0.000045
MTS22D2	GM2340-11	0.2	0.149	3.1	0.35	3.3	15.5	1.75	0.94	0.11	1	2.7	4000	11	0.0004	0.000045
MTS22D2	GM2340-15	0.2	0.149	3.1	0.35	2.5	15.5	1.75	1.25	0.14	2.8	5	4000	14.8	0.0004	0.000045
MTS22D2	GM3310-25	0.24	0.179	4.4	0.5	2.1	22	2.49	2.1	0.24	6.5	9	3400	24.6	0.00192	0.000217
MT22R2	GM3320-22	0.42	0.313	7.5	0.85	4.4	37.5	4.24	1.7	0.19	2.1	4	3500	22	0.00208	0.000235
MT22R2	GM3320-30	0.38	0.283	7.5	0.85	3	37.5	4.24	2.5	0.28	3.2	9	3200	30	0.00208	0.000235
MT22R2	GM3340-22	0.59	0.44	10.6	1.2	6.3	53	5.99	1.69	0.19	1	2	3500	22	0.0031	0.00035
MTS30F4-25	GMR3340-27	0.84	0.627	16	1.81	7.1	80	9.04	2.25	0.25	1.3	2.4	3300	27	0.0031	0.00035
MTS30F4-25	GMR3340-30	0.54	0.403	16	1.81	6.3	80	9.04	2.53	0.29	2	6.8	3200	30	0.0031	0.00035
MTS30F4-25	GM4010-20	0.83	0.619	13	1.47	7.7	65	7.34	1.7	0.19	0.8	3	4000	20	0.007	0.000791
MTS30F4-25	GM4010-30	0.76	0.567	13	1.47	5.1	65	7.34	2.55	0.29	1.8	7.5	3700	30	0.007	0.000791
MTS30M4-38	GM4020-25	1.46	1.089	23	2.6	11	115	12.99	2.1	0.24	0.8	3.6	4000	25	0.0092	0.001039
MTS30M4-38	GM4020-39	1.28	0.955	23	2.6	6.6	115	12.99	3.5	0.4	1.3	7.4	3500	39	0.0092	0.001039
MTS30M4-38	GM4020-60	0.8	0.597	23	2.6	4.6	115	12.99	5.06	0.57	2.3	9.6	2200	60	0.0092	0.001039
MTS30R4-42	GM4040-20	1.98	1.477	31.3	3.54	18.4	156.5	17.68	1.7	0.19	0.6	2.2	4000	20	0.0163	0.001842
MTS30R4-42	GM4040-41	1.74	1.298	31.3	3.54	9.1	156.5	17.68	3.44	0.39	0.8	5.6	3500	41	0.0163	0.001842
MTS30R4-42	GM4040-60	1.09	0.813	31.3	3.54	6.2	156.5	17.68	5.06	0.57	1.5	6.8	2200	60	0.0163	0.001842
MTS30U4-42	GM4050-38	2.29	1.708	41.3	4.67	12.9	206.5	23.33	3.21	0.36	0.6	4.4	3500	38	0.0198	0.002237
MTS30U4-42	GM4050-60	1.44	1.074	41.3	4.67	8.2	206.5	23.33	5.06	0.57	0.9	6.3	2200	60	0.0198	0.002237
MTS30Z4	GM4060-41	2.83	2.111	51.2	5.78	14.9	256	28.92	3.44	0.39	0.7	4.6	3500	41	0.028	0.003164
MTS3M4-38	GMR4910-26	1.21	0.903	19	2.15	8.6	95	10.73	2.22	0.25	0.8	2.3	4000	26	0.006	0.000678
MTS3M4-38	GMR4910-37	1.12	0.835	19	2.15	5.9	95	10.73	3.2	0.36	1.4	4.29	3700	37	0.006	0.000678
MTS30U4-42	GMR4920-38	2.06	1.537	35	3.95	10.8	175	19.77	3.23	0.36	0.5	1.49	3700	38	0.0109	0.001232
MTS30U4-42	GMR4920-68	1.17	0.873	35	3.95	6	175	19.77	5.8	0.66	1.9	5.26	2100	68	0.0109	0.001232
MTS30Z4	GMR4940-38	3.02	2.253	50	5.65	15.2	250	28.25	3.28	0.37	0.3	1	3800	38	0.0183	0.002068
MTS30Z4	GMR4940-78	1.34	1	50	5.65	6.6	250	28.25	6.6	0.75	2.2	10.8	1700	78	0.0183	0.002068
MT40W4	GMR4950-35	4.13	3.081	65	7.34	21.4	325	36.72	3.04	0.34	0.2	0.65	4000	35	0.0233	0.002633
MT40W4	GMR4950-57	2.58	1.924	65	7.34	13.4	325	36.72	4.87	0.55	0.6	1.64	2500	57	0.0233	0.002633
MT40W4	GM6060-39	3.57	2.663	75	8.47	22.8	375	42.37	3.29	0.37	0.3	0.95	3000	39	0.053	0.005988
MT40W4	GM6060-50	2.98	2.223	75	8.47	17.8	375	42.37	4.22	0.48	0.8	1	2500	50	0.053	0.005988
No sub avail.	GM6060-70	2.14	1.596	75	8.47	12.7	375	42.37	5.91	0.67	1.2	0.95	1800	70	0.053	0.005988
No sub avail.	GM6060-96	1.79	1.335	75	8.47	9.3	375	42.37	8.11	0.92	1.4	0.95	1500	96	0.053	0.005988
No sub avail.	GM6090-50	4.46	3.327	113	12.77	26.7	565	63.84	4.22	0.48	0.4	1	2500	50	0.0801	0.00905