



CNC Parts Dept

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DC Servo Motors: BALDOR Specifications with Equivalent SEM Alternatives -- A Cross Reference Chart									
SEM Number	Baldor Number	Torque: cont. stall		Torque: peak stall		Winding RPM	Motor Inertia		Stall Amp
		lb-in	Nm	lb-in	Nm		lb-in-sec ²	kg-cm ²	
MTS22D2	MT-2240-ACYAN	1.8	0.21	13	1.4	4000	0.0003	0.35	2.1
MTS22D2	MT-2240-BCYAN	1.8	0.21	13	1.4	5000	0.0003	0.35	3.4
MTS22D2	MT-2250-ACYAN	3.1	0.35	19	2.1	4000	0.0005	0.54	3.4
MTS22D2	MT-2250-BCYAN	3.1	0.35	19	2.1	5000	0.0005	0.54	5.5
MTS22G2	MT-3353-BLYAN	6.2	0.71	44	4.9	3200	0.0016	1.84	2.8
MTS22G2	MT-3353-DLYAN	6.2	0.71	44	4.9	5000	0.0016	1.84	5.1
MTS22R2	MT-3358-BLYAN	8.8	0.99	59	6.7	3200	0.0024	2.75	3.8
MTS22R2	MT-3358-CLYAN	8.8	0.99	59	6.7	5000	0.0024	2.75	6
MTS22R2	MT-3363-BLYAN	11.2	1.27	75	8.5	3200	0.0033	3.67	4.9
MTS22R2	MT-3363-CLYAN	11.2	1.27	75	8.5	4200	0.0033	3.67	6.3
MTS30F4-25	MT-4050-ALYBE	12.5	1.41	45	5	3000	0.007	7.91	5.5
MTS30F4-25	MT-4050-BLYBE	12.5	1.41	45	5	4500	0.007	7.91	7.9
MTS30M4-38	MT-4060-ALYBE	21.5	2.43	72	8.1	1500	0.011	12.43	5
MTS30M4-38	MT-4060-BLYBE	21.5	2.43	72	8.1	2300	0.011	12.43	7
MTS30M4-38	MT-4070-ALYBE	28	3.16	125	14.1	1500	0.014	15.82	6.2
MTS30M4-38	MT-4070-BLYBE	28	3.16	125	14.1	2300	0.014	15.82	9.2
MTS30M4-38	MT-4070-BLYCE	28	3.16	125	14.1	2300	0.014	15.82	9.2
MTS30M4-38	MTE-4070-BLBCE	28	3.16	125	14.1	2300	0.014	15.82	9.2
MTS30U4-42	MT-4090-ALYBE	40	4.52	185	20.9	1500	0.024	27.12	9
MTS30U4-42	MT-4090-BLYBE	40	4.52	185	20.9	2300	0.024	27.12	13
MTS30U4-42	MT-4090-BLYCE	40	4.52	185	20.9	2300	0.024	27.14	13.2
MTS30U4-42	MTE-4090-BLBCE	40	4.52	185	20.9	2300	0.024	27.14	13.2
MTS30R4-42	MT-4525-BTYCN	30	3.39	130	14.7	2200	0.014	15.82	6.1
MTS30R4-42	MT-4525-CTYCN	30	3.39	130	14.7	3200	0.014	15.82	9.2
MTS30R4-42	MT-4525-DTYCN	30	3.39	130	14.7	4200	0.014	15.82	12
MTS30U4-42	MT-4535-ATYCN	40	4.52	190	21.5	1500	0.021	23.73	5.7
MTS30U4-42	MT-4535-BTYCN	40	4.52	190	21.5	2200	0.021	23.73	8.3
MTS30U4-42	MT-4535-CTYCN	40	4.52	190	21.5	3000	0.021	23.73	11.2
MTS30U4-42	MT-4535-DTYCN	40	4.52	190	21.5	4200	0.021	23.73	16.4
MTS30Z4-	MT-4545-ATYCN	50	5.65	250	28.2	1700	0.028	31.64	8
MTS30Z4-	MT-4545-BTYCN	50	5.65	250	28.2	2200	0.028	31.64	10.6
MTS30Z4-	MT-4545-CTYCN	50	5.65	250	28.2	3200	0.028	31.64	15.7
MTS30P4	MT-4555-ATYCN	58	6.55	283	31.8	1500	0.035	39.55	8.5
MTS30P4	MT-4555-BTYCN	58	6.55	283	31.8	2400	0.035	39.55	12.1
MTS30P4	MT-4555-CTYCN	58	6.55	283	31.8	3000	0.035	39.55	15.3

For SEM motor specifications please click the link at the top or call CNC Parts Dept. Copyright © 2009 CNC Parts Dept. All Rights Reserved.