

## Direct-drive servo motors NSTM

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Motor type	Stalled torque	Stalled current	Torque at S3	Current at S3	Rated speed	Max. torque	Max. peak current	Torque constant	Recommended servo converter
	Nm	A	Nm	A	rpm	Nm	A	Nm/A	Type
NSTM 50/1-A9	1.12	0.41	1.69	0.61	900	5.0	1.8	2.85	ND31-3202
NSTM 50/2-A9	2.07	0.75	3.11	1.13	900	10.0	3.5	2.85	ND31-3202
NSTM 50/3-A7.5	2.96	0.71	4.43	1.07	750	15.0	3.5	4.28	ND31-3202
NSTM 50/4-A7	3.69	0.88	5.54	1.32	700	20.0	4.6	4.33	ND31-3202
NSTM 50/5-A7	4.59	1.11	6.89	1.67	700	25.0	5.8	4.28	ND31-3202
NSTM 50/6-A7	5.40	1.30	8.09	1.96	700	30.0	7.0	4.28	ND31-3202
NSTM 100/1-A2	6.32	0.81	9.48	1.22	200	20.0	2.4	8.18	ND31-3202
NSTM 100/2-A2	11.00	1.44	16.50	2.15	200	40.0	5.0	8.07	ND31-3202
NSTM 100/3-A2	16.10	2.07	24.20	3.11	200	60.0	7.3	8.18	ND31-3202
NSTM 100/4-A2	19.80	2.51	29.60	3.76	200	80.0	9.6	8.29	ND31-3204
NSTM 100/1-A6	5.06	1.95	7.58	2.92	600	17.0	6.2	2.73	ND31-3202
NSTM 100/2-A6	8.73	3.51	13.10	5.26	600	33.0	13.0	2.62	ND31-3204
NSTM 100/3-A6	12.50	5.00	18.70	7.50	600	50.0	19.0	2.62	ND31-3207
NSTM 100/3-B2	15.70	1.17	23.60	1.76	200	60.0	4.3	14.10	ND32-5605
NSTM 100/4-B2	19.80	1.49	29.70	2.23	200	80.0	5.7	14.00	ND32-5605
NSTM 100/5-B2	24.20	1.79	36.20	2.69	200	100.0	7.1	14.20	ND32-5605
NSTM 100/6-B2	28.60	2.09	42.80	3.13	200	120.0	8.3	14.40	ND32-5605
NSTM 100/7-B2	31.00	2.37	46.60	3.56	200	140.0	10.0	13.70	ND32-5605
NSTM 100/8-B2	35.30	2.66	53.00	3.99	200	160.0	11.0	14.00	ND32-5605
NSTM 100/1-B6	5.0	1.12	7.5	1.68	600	17	3.6	4.69	ND32-5605
NSTM 100/2-B6	9.2	2.02	13.8	3.02	600	33	6.9	4.80	ND32-5605
NSTM 100/3-B6	12.3	2.82	18.4	4.23	600	50	11	4.58	ND32-5605
NSTM 100/4-B6	16.3	3.57	24.5	5.36	600	67	14	4.80	ND32-5605
NSTM 100/5-B6	19.0	4.30	28.4	6.45	600	83	18	4.64	ND32-5605
NSTM 100/6-B6	21.8	5.00	32.7	7.51	600	100	22	4.58	ND32-5605
NSTM 100/7-B6	24.8	5.70	37.2	8.55	600	117	26	4.58	ND32-5605
NSTM 100/8-B6	29.1	6.38	43.7	9.57	600	133	28	4.80	ND32-5610

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Motor type	Stalled torque	Stalled current	Max. continuous torque at 25°C with water cooling	Current at max. contin. torque at	Rated speed	Max. torque	Max. peak current	Torque constant	Recommended servo converter
	Nm	A	Nm	A	rpm	Nm	A	Nm/A	Type
NSTM 180/1-B2	56	2.4	119	4.9	200	170	7.1	23	ND32-5605
NSTM 180/2-B2	103	4.1	216	8.2	200	310	12.5	25	ND32-5605
NSTM 180/3-B2	148	5.7	306	11.9	200	430	18.5	26	ND32-5605
NSTM 180/4-B2	192	7.3	391	15.1	200	560	21.5	26	ND32-5610
NSTM 180/5-B2	235	8.8	485	18.7	200	690	26.5	27	ND32-5610
NSTM 180/6-B2	278	10.6	578	21.9	200	820	31.5	26	ND32-5610