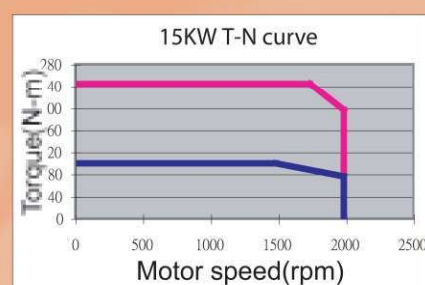
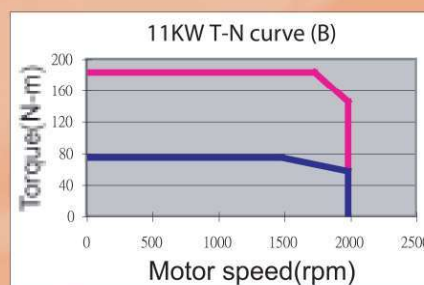
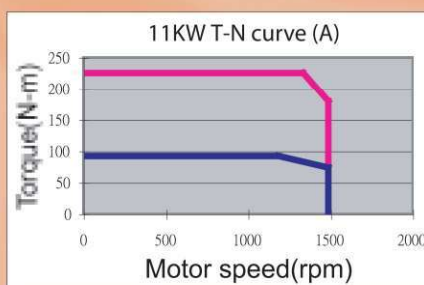
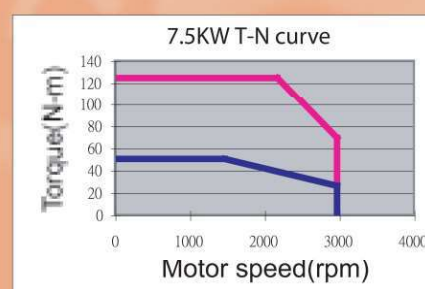
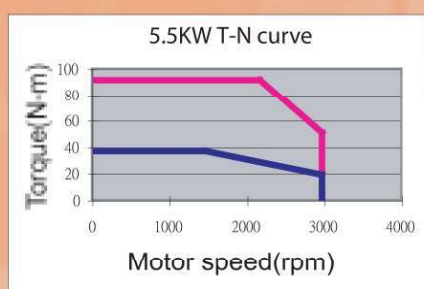
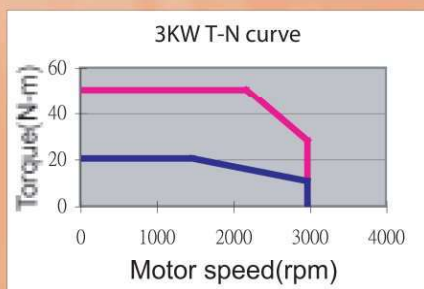


AC SERVO MOTORS



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Performance Data

Model	Unit	TSB18302H3	TSB18552H3	TSB18752H3	TSB22113H3(A)	TSB22113H3(B)	TSB22153H3	
Rated Output	kW	3	5.5	7.5	11	11	15	
Voltage	V	220	220	220	220	220	220	
Rated Torque	N.m	19.1	35.1	47.8	88.0	70.1	95.5	
Rated Current	A(rms)	23.0	42.1	58.0	54.0	58.0	78.0	
Rated Speed	rpm	1500			1200	1500		
Max. Speed	rpm	3000			1500	2000		
Instantaneous Max. Torque	N.m	49.5	89.6	122.6	222.0	179.0	243.0	
Instantaneous Max. Current	A(rms)	59.8	109.5	151.0	142.0	152.0	204.0	
Torque Constant	N-m/Arms	0.83	0.83	0.82	1.63	1.21	1.22	
Back EMF Constant	Vrms/krpm	54.21	53.27	53.748	115.98	86.98	86.98	
Rotor Moment of Inertia	$\times 10^{-4}$ (Kg. m ²)	39.99	63.52	93.94	237.93	199.75	237.93	
Resistance	Ω	0.092	0.038	0.027	0.032	0.033	0.018	
Inductance	mH	1.507	0.764	0.490	1.189	0.816	0.679	
Machanical Time Constant	ms	0.809	0.543	0.569	0.403	0.619	0.394	
Electrical Time Constant	ms	16.38	20.11	18.13	37.15	24.72	37.70	
Insulation Grade		F						
Weight	kgf	19.5	28.5	42	58	46	58	
Installation Dimension	LA	mm	200	200	200	235	235	235
	LB	mm	114.3	114.3	114.3	200	200	200
	LC□	mm	180	180	180	220	220	220
	LZ	mm	13.5	13.5	13.5	13.5	13.5	13.5
Length	L	mm	322	393	484	542	502	542
	LL	mm	243	280	371	426	386	426
	Q	mm	79	113	113	116	116	116
	LE	mm	3.2	3.2	3.2	4	4	4
Shaft	S	mm	35	42	42	42	42	42
	W	mm	10	12	12	12	12	12
	T	mm	8	8	8	8	8	8
	U	mm	5	5	5	5	5	5
	DH	mm	M12 x 24	M16 x 32	M16 x 32	M16 x 32	M16 x 32	TBD

Dimensions in mm

