



TSC 04/06/08 SERIES

SPECIFICATION

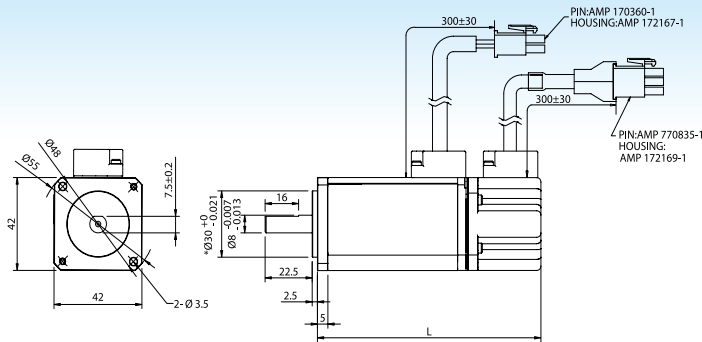
1 (kgf · cm) = 0.0980665 (N · m) 1 (gf · cm · s²) = 0.980665 (kg · cm²)

Item / Motor Type		Unit	TSC04051C	TSC04101C	TSC06401C	TSC08751C
Rated Output	PR	W	50	100	400	750
Driver Set			TSTA15C	TSTA15C	TSTA20C	TSTA30C
Rated Terminal Voltage	V _T	V	114.96	148.7	77.53	105.3
Rated Torque	T _R	N · m	0.16	0.32	1.274	2.49
Rated Current	I _R	A	0.65	0.94	3.5	3.2
Rated Speed	N _R	rpm	3000	3000	3000	3000
Peak Torque	T _P (N)	N · m	0.48	0.96	3.822	7.47
Peak Current	I _P	A	1.95	2.8	10.5	9.6
Torque Constant	K _T	N · m/A	0.38	0.38	0.39	0.81
Voltage Constant	K _E	V/k rpm	39.8	39.8	40.4	87.7
Inertia	J _M	kg · cm ²	0.029	0.036	0.277	0.94
Resistance	R _a	Ω	117	37.5	2.94	6
Inductance	L _a	mH	117	52.5	5.7	21
Mechanical Time Constant	T _m	ms	2.63	0.94	0.555	0.568
Electrical Time Constant	T _e	ms	1.0	1.4	1.94	3.5
Weight		kgw	0.48	0.7	1.44	2.472
Insulation Class			B class (130°C)		F class (155°C)	
Ambient Temperature		°C	0~40			

● To customize motors, please contact with us or our agent.

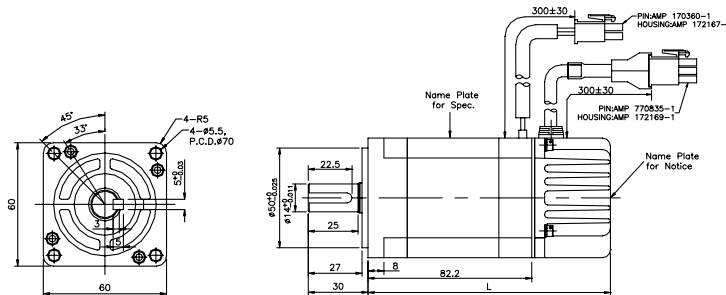
DIMENSION

TSC04



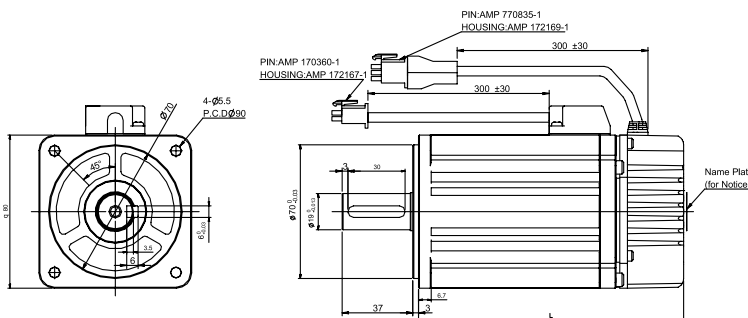
MODEL	L (mm)
TSC04051C	85.8
TSC04101C	106.8

TSC06



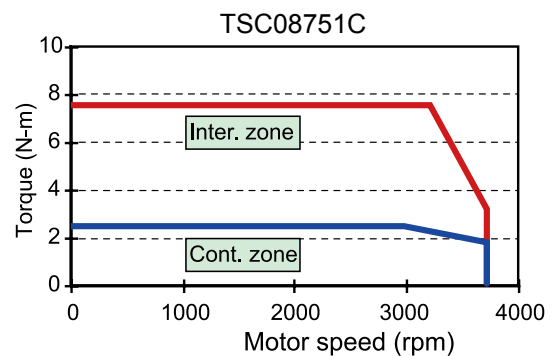
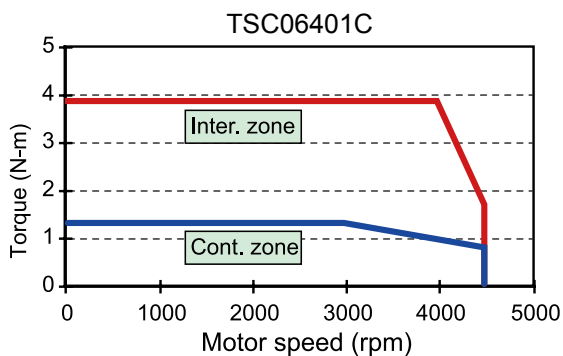
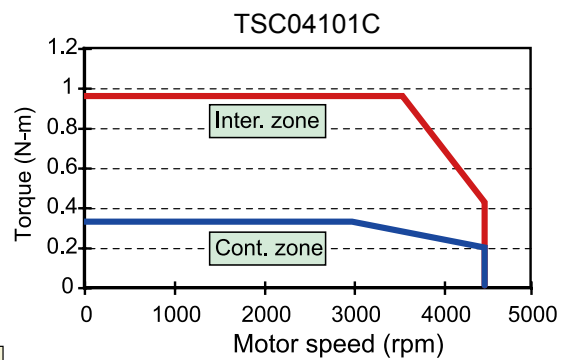
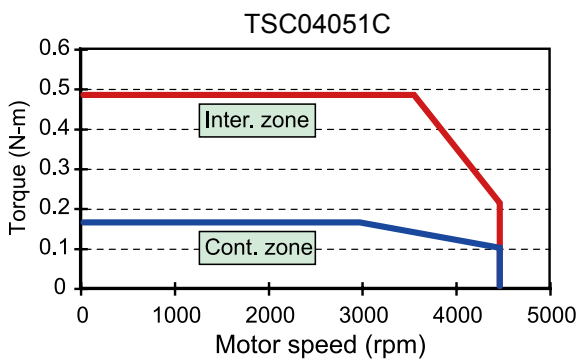
MODEL	L (mm)
TSC06-W/O brake	121.7
TSC06-With brake	157.1

TSC08



MODEL	L (mm)
TSC08-W/O brake	139
TSC08-With brake	174

PERFORMANCE CURVE



— intermittent
— continuous