

AC Servomotor with small size of Reduction gear

◆Features

◆Super-compact size

Downsizing is realized by coupling less.

◆High performance sun-planet gears

Come with small sun-planet gears which achieve 3' backlash.

◆A wide variety of sensors

17bitINC, 17bit ABS, Resolver

※All sensors for small size TBL-i// motor are available.

◆Flexible response for shaft design

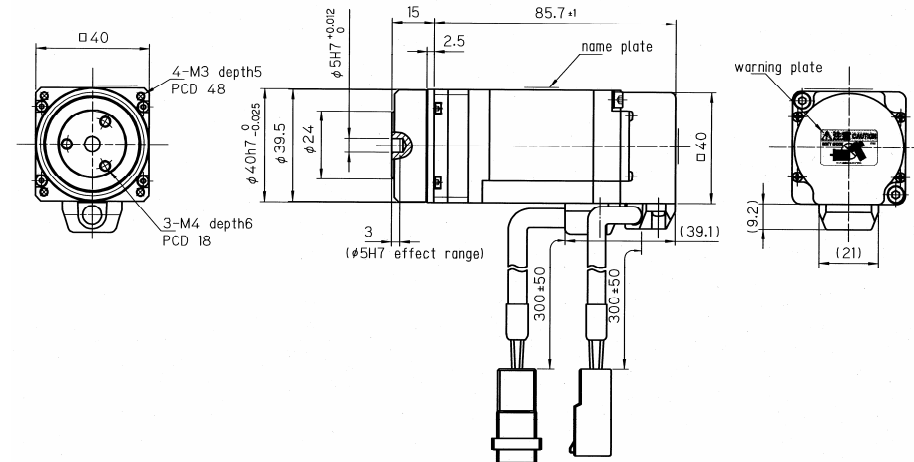
Flexible response for shaft design is available by flange type of output (Option)

※Standard: Flange type of output



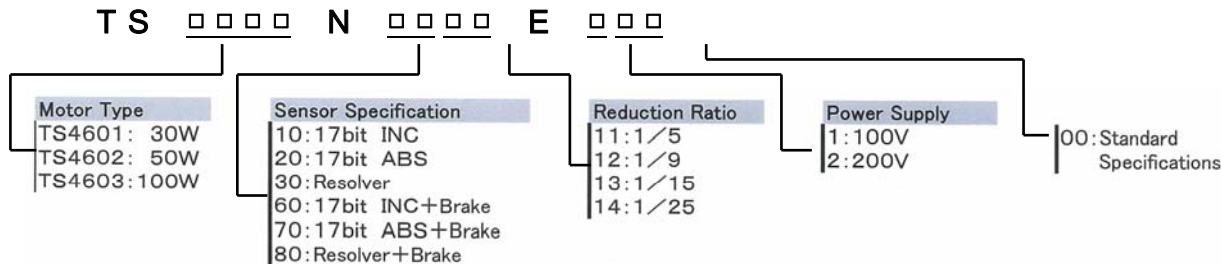
◆Specifications

Specification of motors (Reducer input)			Specifications of reducer			
Model	Output (W)	Rotation speed (min ⁻¹)	Reduction ratio	Rotation speed (min ⁻¹)	Rated torque (N·m)	Peak torque (N·m)
TS4601	30	3,000	1/5	600	0.30	1.2
			1/9	333	0.62	2.2
			1/15	200	1.1	3.8
			1/25	120	1.9	6.5
TS4602	50	3,000	1/5	600	0.60	2.1
			1/9	333	1.2	3.8
			1/15	200	2.0	6.5
			1/25	120	3.4	9.8
TS4603	100	3,000	1/5	600	1.3	4.3
			1/9	333	2.5	3.9
			1/15	200	4.2	9.8
			1/25	120	7.1	9.8



Tab housing: 178964-3(AMP) Tab housing: 1-131815-6(AMP)
Tab contact: 175289-2 Tab contact: 131812-1

◆Model



Model	Reduction ratio	L: Variable dimensions	
		Without brake	With brake
TS4601	1/5		
	1/9	65.7	101.3
	1/15		
	1/25	80.5	116.1
TS4602	1/5		
	1/9	71.7	107.3
	1/15		
	1/25	86.5	122.1
TS4603	1/5		
	1/9	85.7	121.3
	1/15		
	1/25	100.5	136.1