

2 Phase Hybrid Stepping Motor

59D SERIES

56mm (NEMA23)



1.8°

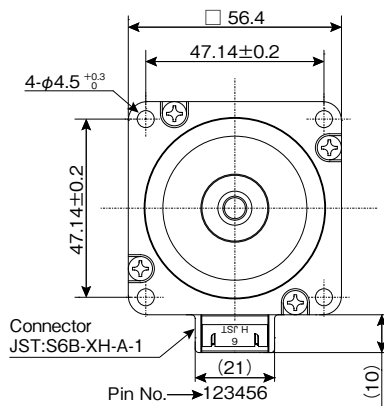
Unipolar

SPECIFICATIONS

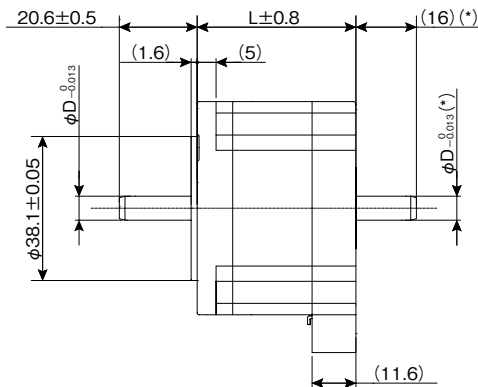
MODEL	STEP ANGLE	VOLTAGE	CURRENT	RESISTANCE	INDUCTANCE	HOLDING TORQUE	ROTOR INERTIA	NUMBER OF PINS	MASS	LENGTH
	deg.	V	A/ø	Ω/ø	mH/ø	mN·m	g·cm ²	Pin	g	mm
SST59D110X	1.8	4.7	1.0	4.70	7.5	667	145	6	0.51	42
SST59D115X	1.8	3.2	1.5	2.10	3.4	667	145	6	0.51	42
SST59D120X	1.8	2.6	2.0	1.30	2.0	680	145	6	0.51	42
SST59D125X	1.8	2.1	2.5	0.85	1.3	692	145	6	0.51	42
SST59D130X	1.8	1.9	3.0	0.62	0.9	667	145	6	0.51	42
SST59D210X	1.8	5.5	1.0	5.50	9.2	925	210	6	0.62	48.5
SST59D215X	1.8	3.6	1.5	2.40	4.1	925	210	6	0.62	48.5
SST59D220X	1.8	2.8	2.0	1.40	2.4	936	210	6	0.62	48.5
SST59D225X	1.8	2.4	2.5	0.95	1.6	947	210	6	0.62	48.5
SST59D230X	1.8	2.0	3.0	0.67	1.1	925	210	6	0.62	48.5
SST59D310X	1.8	6.3	1.0	6.30	11.1	1088	245	6	0.71	54.5
SST59D315X	1.8	4.2	1.5	2.80	5.1	1088	245	6	0.71	54.5
SST59D320X	1.8	3.4	2.0	1.70	3.0	1106	245	6	0.71	54.5
SST59D325X	1.8	2.8	2.5	1.10	2.0	1126	245	6	0.71	54.5
SST59D330X	1.8	2.5	3.0	0.82	1.3	1088	245	6	0.71	54.5
SST59D510X	1.8	9.6	1.0	9.60	19	1847	470	6	1.11	77.5
SST59D515X	1.8	6.3	1.5	4.20	8.4	1847	470	6	1.11	77.5
SST59D520X	1.8	5.0	2.0	2.50	4.9	1876	470	6	1.11	77.5
SST59D525X	1.8	4.3	2.5	1.70	3.3	1906	470	6	1.11	77.5
SST59D530X	1.8	3.6	3.0	1.20	2.2	1847	470	6	1.11	77.5

Final Number 0:Single Shaft 1:Double Shaft

DIMENSIONS



Mating connector	
Housing	JST:XHP-6
Contact	JST: SXH-001T-P0.6N



* Dimensions apply to double shaft models.

SHAFT Dia. (φD)	
MODEL	φD (mm)
SST59D1XXX	φ6.35
SST59D2XXX	φ6.35
SST59D3XXX	φ6.35
SST59D5XXX	φ8

