



2-phase stepping motor

50mm sq. (1.97inch sq.)

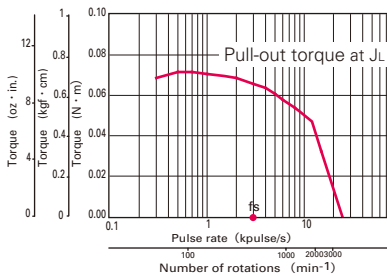
SS250 □
1.8° / step Bipolar winding

Bipolar winding • Lead wire type

Model		Holding torque at 2-phase energization	Rated current	Wiring resistance	Winding inductance	Rotor inertia	Mass (Weight)
Single shaft	Double shafts	[N · m (oz · in) MIN.]	A/phase	Ω /phase	mH/phase	[×10 ⁻⁴ kg · m ² (oz · in ²)]	[kg (lbs)]
SS2501-5041	-5011	0.1 (14.16)	1	4.5	1.8	0.026 (0.142)	0.09 (0.20)
SS2502-5041	-5011	0.215 (30.44)	1	5.9	3.2	0.049 (0.268)	0.15 (0.33)

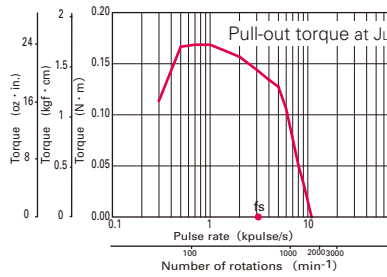
Pulse rate-torque characteristics

● SS2501-50 □ □



Constant current circuit
Source voltage : DC24V · operating current : 1A/phase,
1-2-phase energization (half-step)
JL = [0.01x10⁻⁴kg · m² (0.055 oz · in²) Pulley balancer system]
fs: No load maximum starting pulse rate

● SS2502-50 □ □



Constant current circuit
Source voltage : DC24V · operating current : 1A/phase,
1-2-phase energization (half-step)
JL = [0.01x10⁻⁴kg · m² (0.055 oz · in²) Pulley balancer system]
fs: No load maximum starting pulse rate

The data are measured under the drive condition of our company. The drive torque may very depending on the accuracy of customer-side equipment.

