

RB-Soy-21

7.4V, 0.28A, 9oz-in Bipolar Stepper Motor



Specification:

- No. of leads: 4
- Rated voltage: 7.4
- Step angle: 1.8°
- Step angle accuracy: $\pm 5\%$
- Resistance accuracy: $\pm 10\%$
- Inductance accuracy: $\pm 20\%$
- Temperature rise: 80°C Max
- Ambient temperature: -20°C to +50°C
- Insulation resistance: 100M Ω Min. ,500VDC
- Dielectric strength: 500VAC for one minute
- Shaft radial play: 0.02Max
- Shaft axial play: 0.08Max
- Max. radial force: 28N
- Max. axial force: 10N
- Rotation: CW

Model No.		Rated Voltage	Current /Phase	Resistance /Phase	Inductance /Phase	Holding Torque	# of Leads	Rotor Inertia	Weight	Detent Torque	Length
Single Shaft	Double Shaft	V	A	Ω	mH	g-cm		g-cm ²	kg	g-cm	mm
SY35ST26-0604A	SY35ST26-0604B	3.24	0.6	5.4	3.5	510	4	10	0.13	60	26
SY35ST26-0284A	SY35ST26-0284B	7.4	0.28	26	19.2	650	4				
SY35ST28-0504A	SY35ST28-0504B	10	0.5	20	13.5	1000	4	10	0.14	80	28
SY35ST28-0406A	SY35ST28-0406B	11.2	0.4	28	10	500	6				
SY35ST36-0704A	SY35ST36-0704B	1.4	0.7	2	2.9	920	4	14	0.18	100	36
SY35ST36-1004A	SY35ST36-1004B	2.7	1.0	2.7	4.3	1400	4				