

# SHERLINE STEPPER MOTOR SPECIFICATIONS—SKC MOTORS

Sherline P/N:	67130
Price:	\$75.00
Manufacturer:	Shinano Kenshi, www.shinano.com, (310) 915-7300
Part number:	SST57D3201 (double shaft)
Frame size:	#23
Step angle:	1.8°
Voltage:	3.2 V
Current:	2.0 A/Φ
Resistance:	1.6 Ω/Φ
Inductance:	3.6 mH/Φ
Holding torque:	9.7 kg-cm
Rotor inertia:	250 g-cm <sup>2</sup>
Number of wire leads:	6 (See color code diagram below)
Weight:	1.32 lb (0.6 Kg.)
Length:	2.13" (54 mm)
Shaft:	Double ended, 1/4" dia.

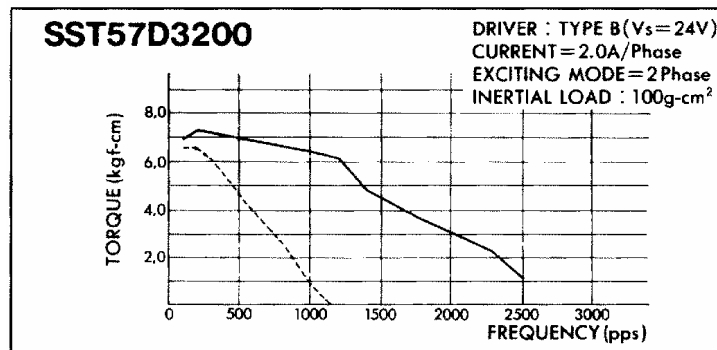


FIGURE 1—Motor torque curve

## Lead Wire Connection and Color Code

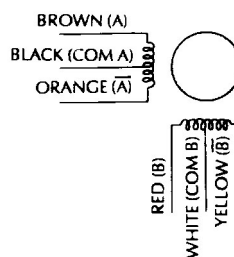


FIGURE 2—Color of wires

NOTE: Motor can be wired in either unipolar or bipolar configuration depending on how leads are connected.

CAUTION: Make sure ends of wires are not touching each other when turning the handwheel by hand to drive the stepper motor and leadscrew. It can cause the motor to feel rough and hard to turn. Disconnect motor lead from controller before hand cranking. Current is generated that can damage the control unit.



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