



AP MOTRONIX PRIVATE LIMITED

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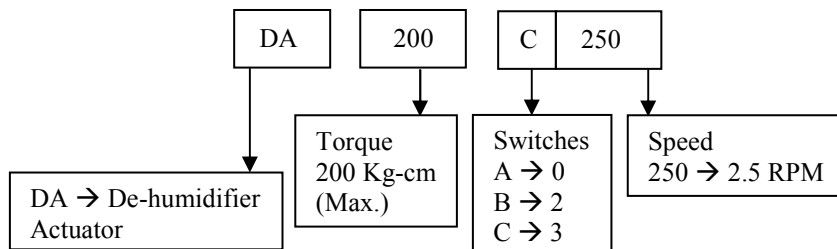
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DE-HUMIDIFIER ACTUATOR

This AC motor unit compared to the AR4 type is compact in size. It consists of our Geared Servo Motor (GSM) along with suitable reduction gear box. The motor is 230 (or 115) V AC, 50Hz, 1 Φ . The motor is compact, quickly reversible and is impedance protected to withstand continuous overload of locked rotor condition. The gears are hobbled in-house and assembled selectively for extended performance. For less than a revolution, the unit can be fitted with limit switches (field adjustable) for extreme ends cut off; for continuous rotation the switch/cam/potentiometer are absent.

SERIES CODE:

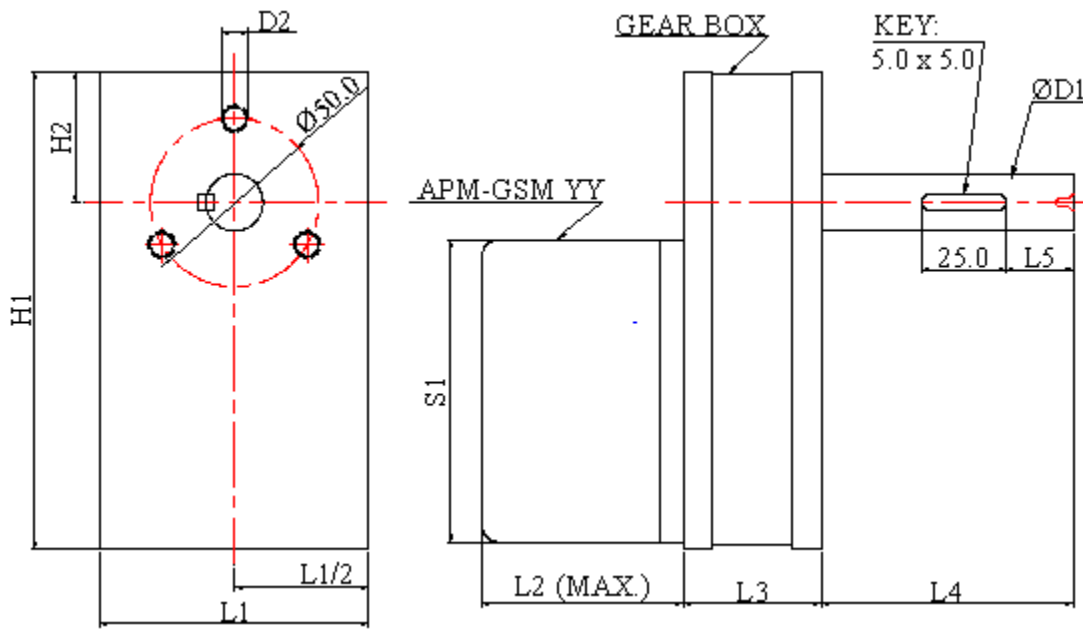


ELECTRICAL SPECIFICATIONS:

1. **Supply Voltage** : AC, 230V, 50Hz, 1 Φ
2. **Power Consumption** : 20 Watts.
3. **Stroke** : Continuous or Factory set at 90⁰, 160⁰ or 270⁰.
(Field adjustable).
4. **Auxiliary Switch (Optional):** 2.5A, 250V, 50Hz, NO or NC. (Operated at only one fixed point).

- 5. **Feedback Potentiometer** : 135Ω standard matched to stroke angle of either 90⁰, 160⁰ or 270⁰. (The maximum permitted power dissipation for feedback potentiometer is 1W for 90⁰, 1.5W for 160⁰, and 2W for 270⁰ stroke angle).
- 6. **Torque-Speed capabilities** : Total gear ratio is adjusted at factory to achieve suitable torque-speed combination.

MECHANICAL SPECIFICATIONS:



MODEL	APM GSM YY	L1 mm	L2 mm	L3 mm	L4 mm	L5 mm	H1 mm	H2 mm	S1 □ mm	ΦD1 mm	D2 mm
DA-100	GSM60	85	90	36	60	5	126	37	72	12.7	M6
DA-200	GSM52	95	155	80	100	45	142	39	90	17.0	M8

ORDERING DATA: Clearly indicate in your purchase order the following:

Operating Voltage : 230/115 V AC, 50Hz, 1 Φ .

Torque : Max. 200 Kg-cm.

Speed : Max. 2.5 RPM

Feed Back Potentiometer: Resistance Value, Single or Multi turn, Wattage (Except for continuous rotation).

Special Requirement : Please specify number of switches (Except for continuous rotation).