



STEPPING MOTORS

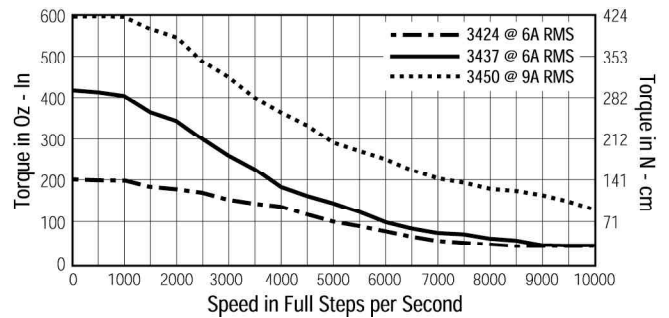
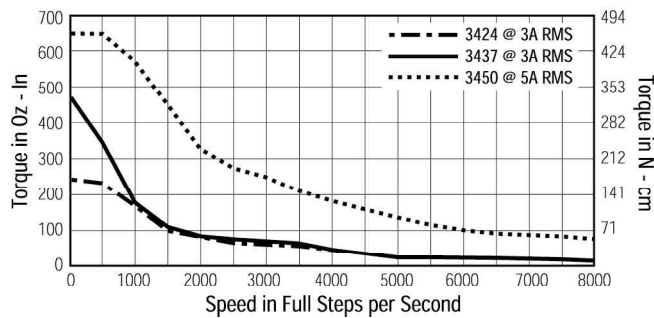
SIZE 34 1.8° HYBRID STEPPING MOTORS

| Specifications S=Single Shaft (D=Double Shaft) | Holding Torque oz-in (N-cm) | Phase Current Amps | | Number of Leads | Phase Resistance Ohms | | Phase Inductance mH | | Detent Torque oz-in (N-cm) | Rotor Inertia oz-in-sec ² (kg-cm ²) | Length inches (cm) | Weight oz (gm) |
|--|--------------------------------|-----------------------|----------|-----------------|--------------------------|----------|------------------------|----------|-------------------------------|---|-----------------------|-------------------|
| | | Series | Parallel | | Series | Parallel | Series | Parallel | | | | |
| M2-3424-S (D) | 235 (166) | 3.0 | 6.0 | 8 | 0.95 | 0.240 | 10.00 | 2.50 | 20.0 (14) | 0.0091 (0.6426) | 2.44 (6.197) | 48 (1360.8) |
| M2-3437-S (D) | 420 (297) | 3.0 | 6.0 | 8 | 1.48 | 0.370 | 15.70 | 3.92 | 35.0 (25) | 0.0170 (1.2005) | 3.70 (9.398) | 80 (2268) |
| M2-3450-S (D) | 620 (438) | 5.0 | 10.0 | 8 | 0.62 | 0.155 | 8.45 | 2.11 | 50.0 (35.3) | 0.0265 (1.8713) | 5.06 (12.85) | 121 (3430.35) |

TORQUE SPEED CURVES

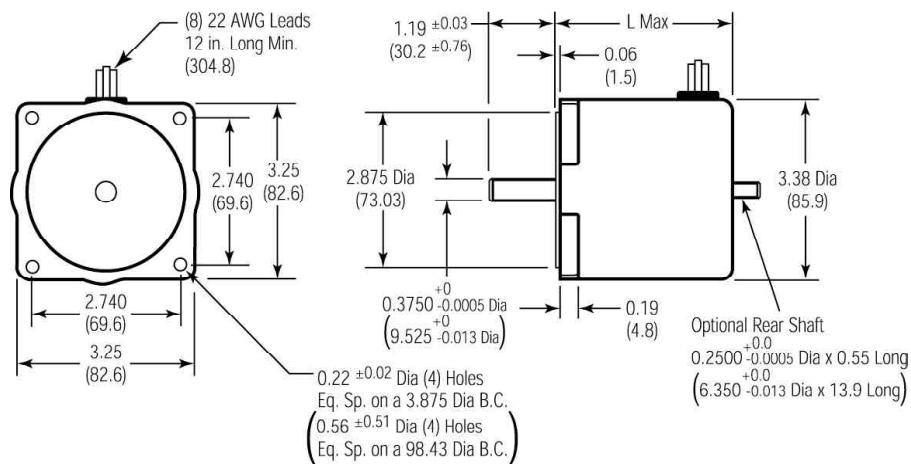
Series: 3/5 Amps RMS, 75 VDC

Parallel: 6/9 Amps RMS, 75 VDC



MECHANICAL

Dimensions in Inches (mm)



CONNECTION

