

Hybrid Stepping Motor

Type:KL 34H2120-42-8B

Rev: 1.0
Date:20120223

COMMON RATINGS

Step angle: 1.8°

Positional accuracy: ±5%

Number of Phase: 4

Temperature rise: 80°C

Inertia: 4000 gcm²

Dielectric strength: 500VDC

Insulation resistance: 100MΩ(500VDC)

Insulating class: B

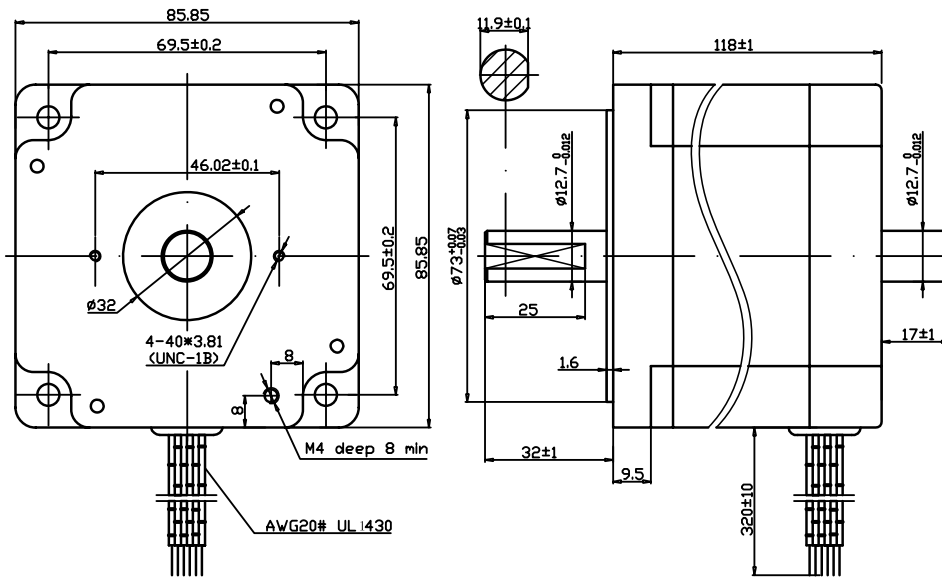
Radial play:0.025mm max. (loda 450g)

Weight: xxkg Max

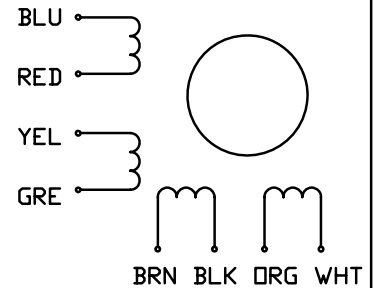
SPECIFICATIONS

| | Holding Torque (2 phases on) N. cm ±10% | Rated Current/Phase (Amps DC) | Resistance/Phase (ohms) ±10% | Voltage/Phase (V DC) | Inductance/Phase (mH) ±20% Typical (1kHz) |
|-------------------|---|-------------------------------------|---------------------------------|-------------------------|---|
| Unipolar | 605 | 4.2 | 1.12 | 4.70 | 6.3 |
| Bipoar (Series) | 848 | 3.0 | 2.24 | 6.72 | 25.2 |
| Bipoar (Parallel) | 848 | 6.0 | 0.58 | 3.48 | 6.3 |

DIMENSIONS unit=mm



CONNECTIONS



WIRINGS CONNECTION DIAGRAM

