

Size 8 Hybrid stepping motor

Features:

- High Torque
- Light weight
- Compact size
- High accuracy
- Step Angle 1,8°

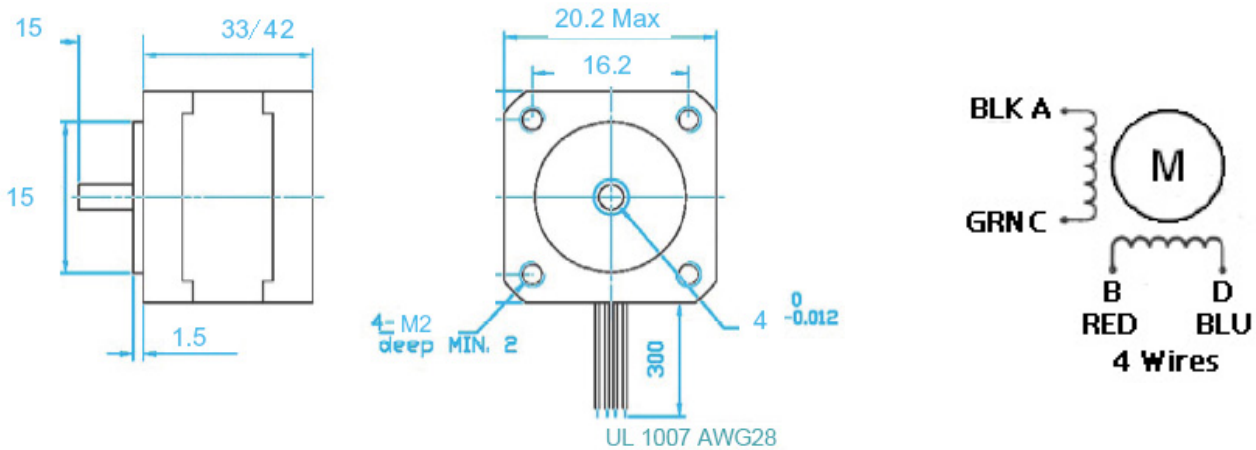
Options:

- Custom wires/ Connector.
- Custom winding.
- Special shape shaft (flat)
- Special bearing
- Pinion



Motor data		
Motor order number	20SH30-0604A	20SH42-0804A
Step accuracy	5%	5%
Rated voltage	3,96 V	4,32 V
Current/Phase	0,6 Amp	0,8 Amp
Resistance/ Phase	6,5 Ohm	5,4 Ohm
Inductance/ Phase	1,7 mH	1,5 mH
Holding torque	17,5 mNm	30 mNm
Rotor Inertia	2 gm-cm ²	3,6 gm-cm ²
Weight	60 G approx.	80 G approx.
Temperature rise	80 ° C	80 ° C
Number of leads	4	4
Length	33 mm	42 mm
Radial play at 450 g	0,02 mm	0,02 mm
End play	0,08 mm	0,08 mm
Insulation resistance at 500 Vdc	Minimum 100 Ohm	Minimum 100 Ohm
Resistance Accuracy	Approx. 10%	Approx. 10%
Insulation resistance at 500 Vdc	Minimum 100 Ohm	Minimum 100 Ohm

Dimensional drawing	Wiring diagram
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Performance curve

