

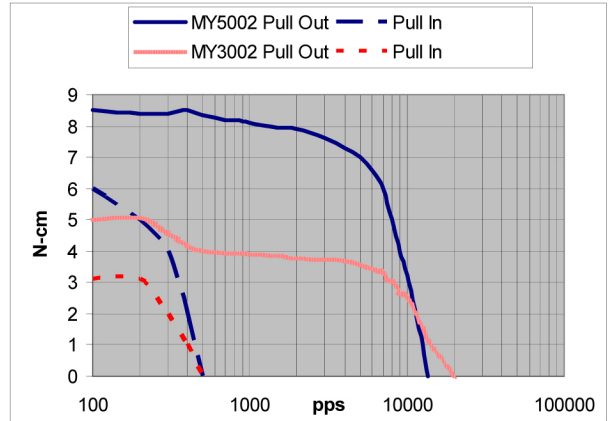
<b>Order code</b>	<b>Manufacturer code</b>	<b>Description</b>
37-0508	n/a	MINI HYBRID STEPPER MOTOR SIZE 11(RC)

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The enclosed information is believed to be correct, Information may change 'without notice' due to product improvement. Users should ensure that the product is suitable for their use. E. & O. E.	Revision A <sup>2</sup> 12/12/2006

## Size 11 Mini Hybrid Stepper Motors



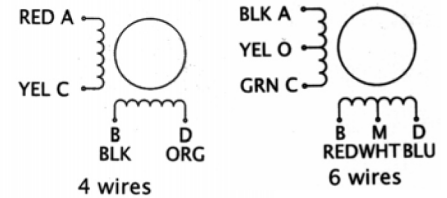
- High torque
- Light weight
- Compact size
- Low inertia
- High accuracy



### General Specifications

Step Accuracy: Maximum angular deviation is  $\pm 5\%$  of one step  
 Radial Play: Maximum 0.02mm at 450g  
 End Play: Maximum 0.08mm at 450g  
 Insulation Resistance: Minimum 100M $\Omega$  at 500V dc  
 Insulation Class: B  
 Temperature Rise: Maximum 80°C

### Wiring Diagram



Model	Step Angle	Holding Torque	No. of Leads	Phase Current	Phase Resistance	Phase Inductance	Rotor Inertia	Detent Torque	Mass	Body Length (L)
	Deg	N-cm		A	$\Omega$	mH	g-cm <sup>2</sup>	g-cm	g	mm
MY3002	1.8	7	6	0.95	3.4	1.6	12	50	140	39.5
MY5002	1.8	9	6	0.95	4.6	2.3	18	80	200	50.3

### Dimensions (mm)

