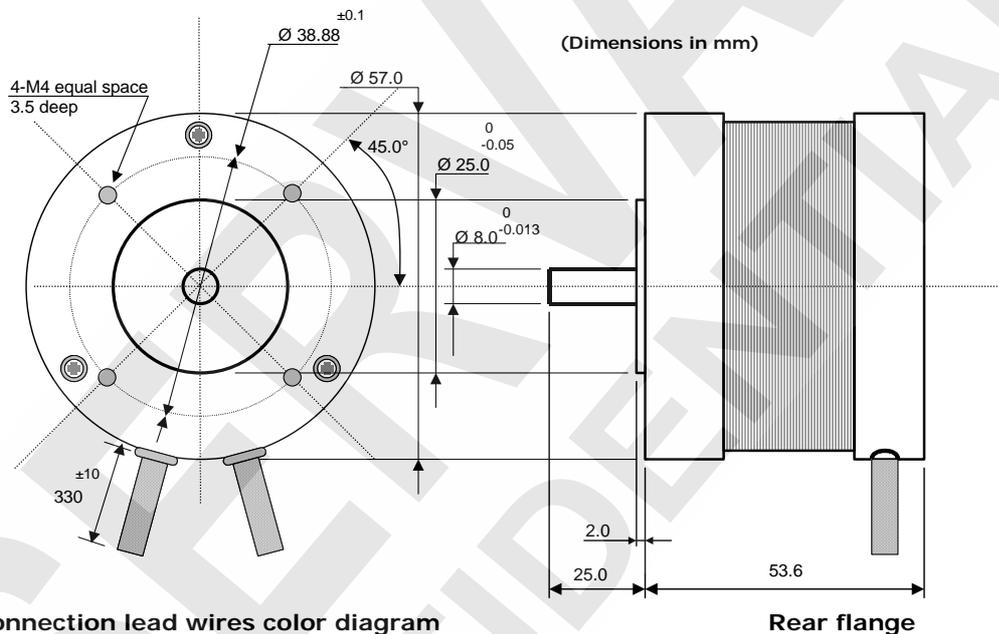


Motor Size	<b>2.3" - Ø 57 mm round flange</b>	Hall effect angle	<b>120° electrical angle</b>
Front shaft	<b>25.0 mm length Ø 8.00 mm</b>	Rear shaft	<b>None</b>
# of lead wires	<b># 3 wires + # 5 hall sensor</b>	Winding type	<b>Delta</b>
Rated voltage	<b>36 Vdc</b>	# of poles	<b># 4</b>
# of phases	<b># 3</b>	Lead wires length	<b>330 mm ±30mm</b>
No load current	<b>&lt;0.4 Amps</b>	Rated torque	<b>0.11 Nm</b>
No load speed	<b>5100 rpm ±10%</b>	Rated speed	<b>4000 rpm</b>
Peak current	<b>6.8 Amps</b>	Torque constant	<b>0.06 Nm/A</b>
Line to line resistance	<b>1.63 ohms</b>	Line to line inductance	<b>4.39 mH</b>
Back E.M.F.	<b>4.50 Vrms/Krpm ±10%</b>	Rotor inertia	<b>75 g.cm<sup>2</sup></b>
Insulation class	<b>Class B, 130°C</b>	Weight	<b>0.44 Kg</b>

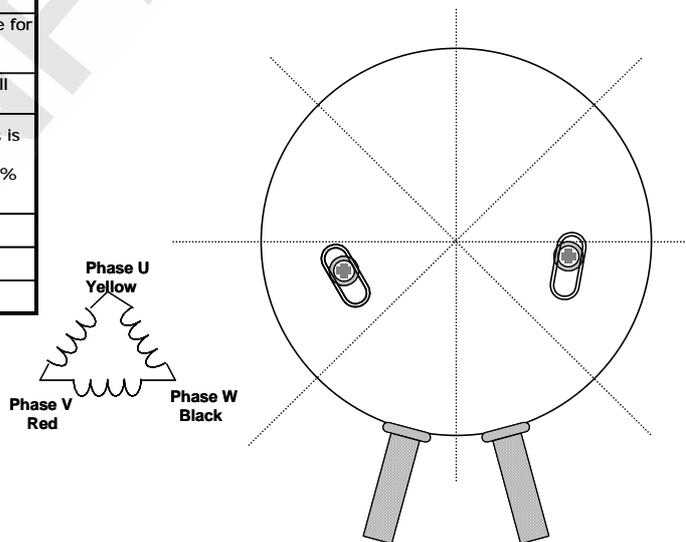
Mechanical drawings



Connection lead wires color diagram

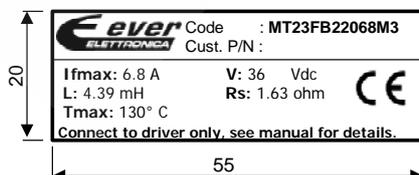
Lead #	Lead Gauge	Lead Color	Lead Function	Description
1	UL1007 26AWG	RED	Vcc	Supply voltage for Hall sensor (4.5 ÷ 28 Vdc)
2		BLACK	GND	Ground for Hall sensor
3		BLUE	Hall A	Output signals is square wave (duty cycle 50% with 5 ÷ 6Vdc)
4	GREEN	Hall B		
5	WHITE	Hall C		
6	UL1007 20AWG	YELLOW	Phase U	
7		RED	Phase V	
8		BLACK	Phase W	

Rear flange



Motor Labelling

Label type: aluminum adhesive label



	MOTOR SPECIFICATION: STM00655-01	DATE: September, 30th 2015	CUSTOMER APPROVAL: _____
	EVER P/N: MT23FB22068M3		CUSTOMER CODE: _____