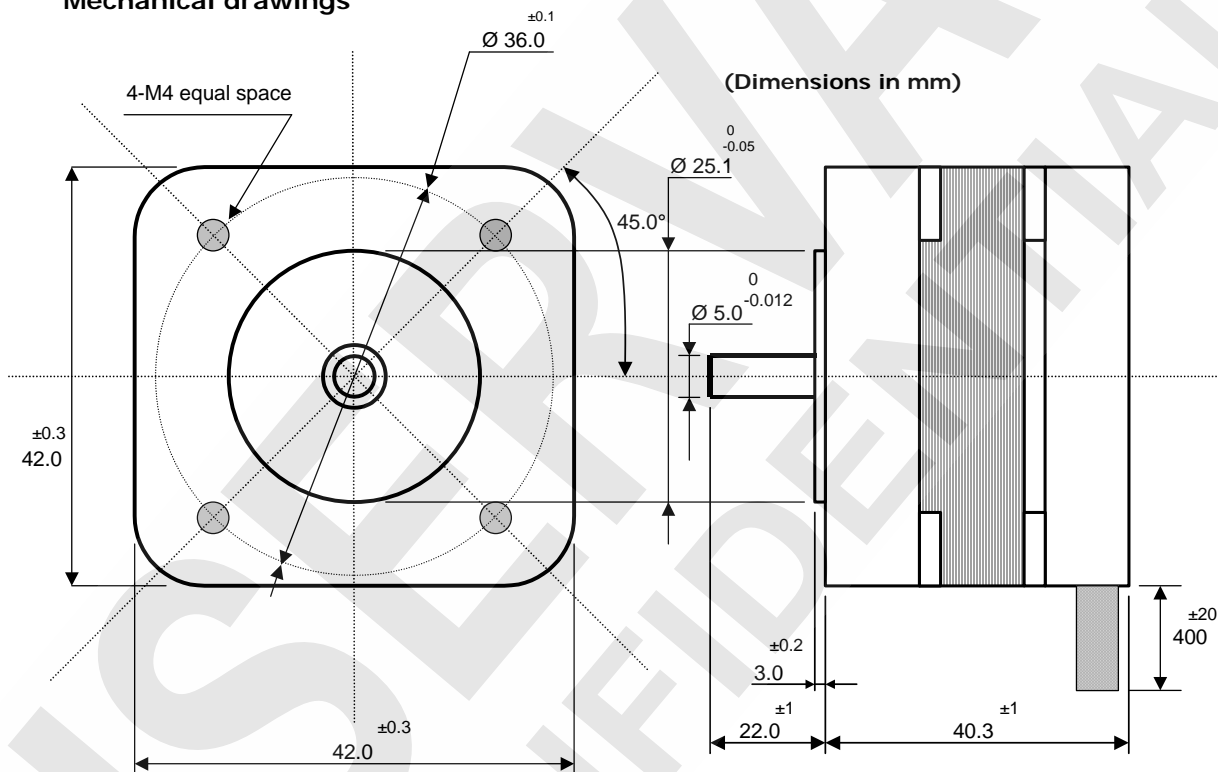


Motor Size	<b>1.7" - 42 mm square flange</b>	Hall effect angle	<b>120° electrical angle</b>
Front shaft	<b>22.0 mm length Ø 5.00 mm</b>	Rear shaft	<b>None</b>
# of lead wires	<b># 3 wires + # 5 hall sensor</b>	Winding type	<b>Delta</b>
Nominal voltage	<b>24 V</b>	# of poles	<b>8</b>
# of phases	<b>3</b>	Lead wires length	<b>400 mm ±20 mm</b>
Peak torque	<b>0.19 Nm</b>	Rated torque	<b>0.0625 Nm</b>
Motor power	<b>26 Watt</b>	Rated speed	<b>4000 rpm ±10%</b>
Max peak current	<b>5,40 Amps</b>	Torque constant	<b>0.035 Nm/A</b>
Line to line resistance	<b>1.80 ohms ±10% @20°C</b>	Line to line inductance	<b>2.60 mH ±20%</b>
Back E.M.F.	<b>2.45 V/Krpm ±10%</b>	Rotor inertia	<b>24 g.cm<sup>2</sup></b>
Insulation class	<b>B</b>		

### Mechanical drawings



### Connection lead wires color diagram

Lead #	Lead Gauge	Lead Color	Lead Function	Description
1		RED	Vcc	Supply voltage for Hall sensor +5V
2	UL1430 26AWG	BLACK	GND	Ground for Hall sensor
3		BLUE	Hall A	
4		GREEN	Hall B	
5		WHITE	Hall C	
6	UL1430 20AWG	YELLOW	Phase U	
7		RED	Phase V	
8		BLACK	Phase W	

