



## FULLING BLDC MOTOR - 36MM

With integrated drive

FL36CBL30-24V-488A-IE-02



- 24V dc
- Speed and direction control
- Up to 50W output power
- Up to 4500 rpm
- 36mm frame size

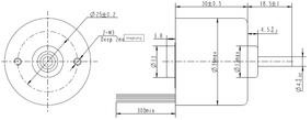


### PRODUCT DESCRIPTION

### TECHNICAL DATA

<b>Axial force</b>	10 N
<b>Cable number</b>	6
<b>Front size</b>	36 mm
<b>Inductance</b>	3,3 mH
<b>Insulation class</b>	B
<b>Length</b>	30 mm
<b>Max current</b>	1,3 A
<b>Max. torque</b>	0,045 Nm
<b>Moment of inertia</b>	6 g.cm <sup>2</sup>
<b>Nominal speed</b>	4800 rpm
<b>Nominal torque</b>	0,015 Nm
<b>Number of phases</b>	3
<b>Number of poles</b>	8
<b>Power</b>	8 W
<b>Radial force</b>	28 N
<b>Resistance</b>	5,2 Ω

<b>Returning voltage EMK</b>	2,7 Vrms/krmp
<b>Shaft diameter</b>	4 mm
<b>Supply voltage</b>	24 V DC
<b>Torque constant</b>	0,036 Nm/A
<b>Weight</b>	0,12 kg



Functions	Color	Type
Vcc	Red	UL1430 AWG24
GND	Black	
(Rotating Direction) CW/CCW	Blue	UL1430 AWG28
Speed control	Green	
Tacho out	Yellow	
Break	White	