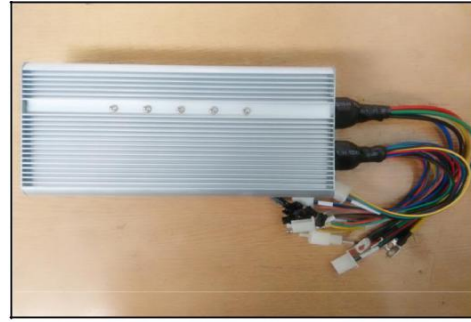


BLDC
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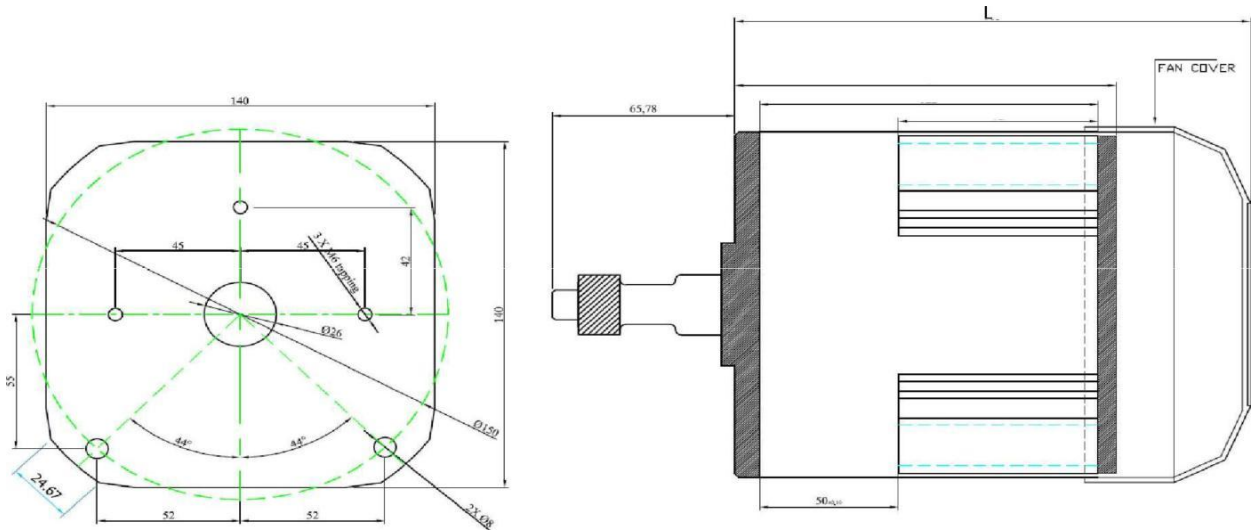
TECHNICAL SPECIFICATIONS



Model No.	Power	BLDC MOTOR				BLDC CONTROLLER		
		Continuous Torque	Peak Torque	DC Voltage	Paint Colour	MOSFET	Rated Current (DC)	Peak current (DC)
	(watt)	(Nm)	(Nm)	(volts)		(Tube)	(Amp)	(Amp)
BLDC 125/1D	400	1.3	6	48	Grey	18	9	25
BLDC 125/2D	850	2.7	12	48	Green	24	18.5	40
BLDC 125/2D	1000	3.2	14	48	Grey	24	22.0	40
BLDC 125/3D	1250	3.8	16	48	Blue	24	26.0	50
BLDC 125/4D (Proposed model)	1500	4.8	18	48/60	Grey	36	32.0	60
BLDC 125/5D (Nov release)	2500	8.0	24	60/72	Grey	36	35.0	80
BLDC 125/6D (Proposed model)	6000	19.0	54	72	Black	36	83	150

Note: 1. Momentary Peak torque: 300% of rated torque for 10 seconds only. 2. Mounting and special shaft can be provided as per customer design

DIMENTIONAL DETAILS



TYPE	BLDC MOTOR						
Model No.	125/1D	125/2D	125/2D	125/3D	125/4D	125/5D	125/6D
Total length(L)	135	145	145	165	185	205	225
Flange size	40						
Mounting diameter	50						
Shaft length	65.78						
Shaft diameter	12						
Gear Diameter	23.99						
Centre Mounting holes (M6)	42						
Side Mounting holes (M6)	45						
Mounting holes (M8)	52						
Paint colour	Grey	Green	Grey	Blue	Black	Grey	Black
Weight (Kgs)	5	6.5	6.5	7.35	9.4	11	12.5

All dimensions are in mm.

NOTE: - Keyed shaft, customized flange can be provided. -

Motors of higher ratings can be in 72 Volts or higher voltage.

-Motors of higher ratings than 4 KW can be manufactured in bigger diameter design to give higher inertia ratings. -This manual is provisional and the dimensions are subjected to change without Notice.

ADVANTAGES OF MOTOR

- *Indian Motor with local support and onsite support for large orders*
- *Full Serviceability at reasonable prices from the main motor manufacturing company.*
- *Proven track record of passing vehicle power-test from ICAT/ARAI.*
- *Proven in Indian environment. Indian BLDC Motor does not fail in water test.*
IP55 for you protection from Water in Rainy Season.
- *'F' Class Insulation and vacuum impregnation gives better over-load service, carrying capacity and survives in the hot weather.*
- *Compag motor supplied for loaders to climb slope of 7° over bridges and flyovers in loaded condition.*
- *Quick & Reliable support for spares, repair in warranty period or after warranty period.*
- *Low Maintenance cost with reliable spares even after 1 year.*
- *Longer Life of Motor than Chinese Motor.*
- *Compag serves requirements from 200 watts to 32000 watts for all variety of vehicles.*
- *Compag motor ensures consistence quality ad volume while Chinese suppliers blame it to duplicate supplies.*
- *Compag motor failure is less than 1 %. Other make in market failure report a failure of around 10%.*
- *Volume supplies are served with plant capacity being increased to 10000 motors per month.*
- *Purchase from Compag reduces inventory. Delivery of weekly volumes is ensured as per projections of the client.*