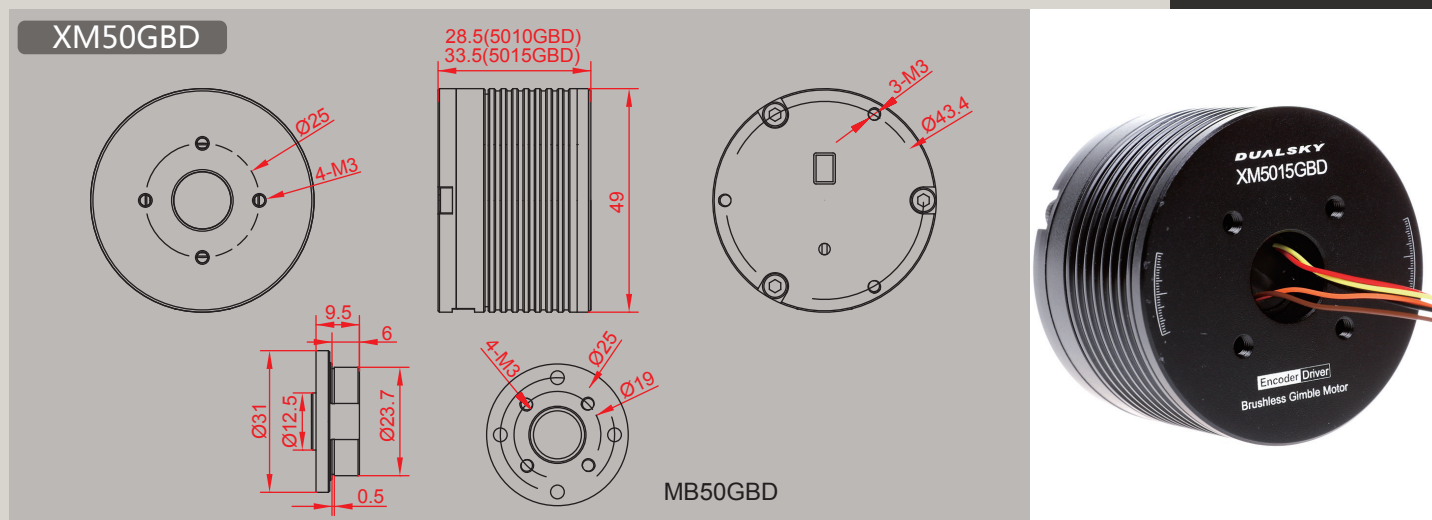


Dimensions



Specification

Xmotor Gimbal motor integrated encoder and driver	XM5010GBD	XM5015GBD
Item NO. (商品编码)	51462	51463
Weight(g) (重量)	144	181
Motor dimension[D x L] (mm) (电机尺寸)	49x28.5	49x33.5
Stator dimension[D x L] (mm) (定子尺寸)	43.4x10	43.4x15
Configuration (配置)	24N28P	24N28P
Copper wire(OD, mm) (铜线)	0.25	0.25
Turns (圈数)	60	60
Winding type (盘式)	WYE	WYE
Max nominal voltage(V) (最高电压)	25	25
Torque (扭矩)	0.27N*M@10V 0.4N*M@14.8V	0.4N*M@10V 0.6N*M@14.8V
Resistance(Ri)(Ohm) (电阻)	10.7Ω	13.8Ω
Idle current@10V(mA) (空载电流)	97	92
Max. stall current(A) (最大瞬间电流)	1.8	2.1
Diameter of Shaft(mm) (轴径)	ID=12.6 Hollow	ID=12.6 Hollow
Stator mounting holes [Pitch, Size](mm) (定子安装孔)	43.4, 3xM3	43.4, 3xM3
Rotor mounting holes [Pitch, Size] (mm) (转子安装孔)	25, 4xM3	25, 4xM3
Max. weight of gimbal/camera(kg) (云台或者相机的最大重量)	2.0	3.0
Encoder (编码器)	14bit magnetic position sensor	14bit magnetic position sensor
Driver (驱动程序)	Sine wave, High torque, 7.4V-14.8V, 70W MAX, Alexmosor Dualsky Interface	