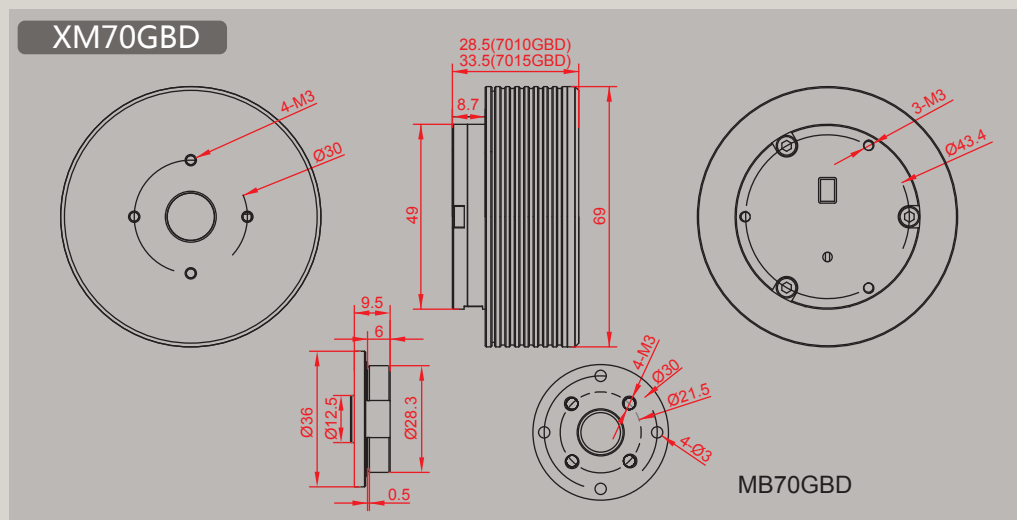


Dimensions



Specification

Xmotor Gimbal motor integrated encoder and driver	XM7010GBD	XM7015GBD
Item NO. (商品编码)	51464	51465
Weight(g) (重量)	262	344
Motor dimension[D x L] (mm) (电机尺寸)	69x28.5	69x33.5
Stator dimension[D x L] (mm) (定子尺寸)	61.5x10	61.5x15
Configuration (配置)	24N28P	24N28P
Copper wire(OD, mm) (铜线)	0.30	0.30
Turns (圈数)	90	90
Winding type (盘式)	WYE	WYE
Max nominal voltage(V) (最高电压)	25	25
Torque (扭矩)	0.5N*M@10V 0.8N*M@14.8V	0.75N*M@10V 1.2N*M@14.8V
Resistance(Ri)(Ohm) (电阻)	11.8Ω	15.7Ω
Idle current@10V(mA) (空载电流)	90	91
Max. stall current(A) (最大瞬间电流)	2.5	2.9
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)	30, 4xM3	30, 4xM3
Max. weight of gimbal/camera(kg) (云台或者相机的最大重量)	4.0	6.0
Encoder (编码器)	14bit magnetic position sensor	14bit magnetic position sensor
Driver (驱动程序)	Sine wave, High torque, 9V-25.2V, 70W MAX, Alexmosor Dualsky Interface	