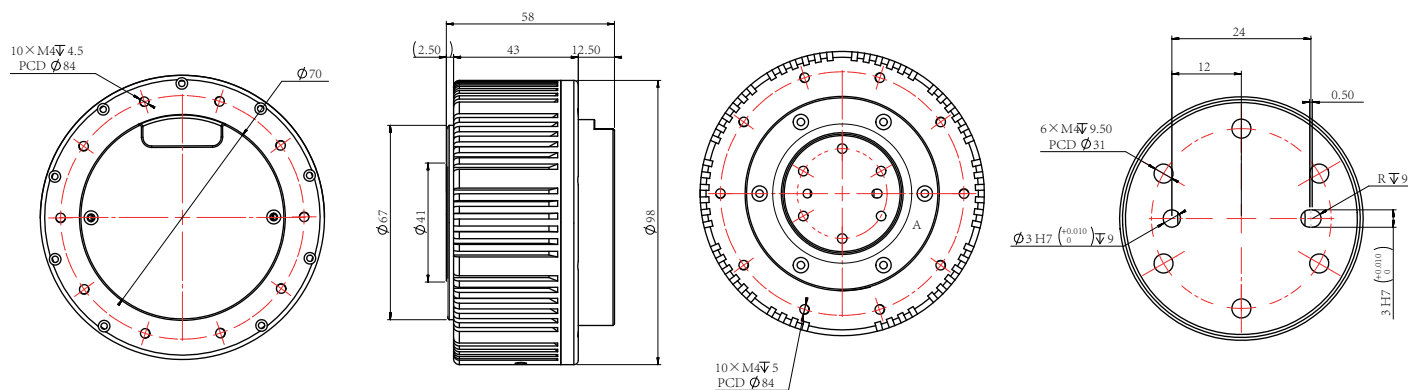


RMD-X8-S2 V3 1:36



尺寸安装图

INSTALLATION DRAWING



>>> 产品参数

PRODUCT PARAMETERS

参数/型号(Actuator Name)	RMD-X8-S2 V3	
货品编码 (Item No.)	1033918040	
控制模式 (Control mode)	Servo mode(Torque /Velocity/Position) Motion mode (feedforward torque/velocity/position)	
通信方式及波特率 (Communication Method &Baudrate)	CAN BUS :500Kbps/ 1Mbps RS485 BUS : 115200/500K/1M/1.5M/2.5M	
额定电压 (Input voltage)	V	48
最大出轴空载转速 (No -load output Speed)	rpm	46
额定出轴转速 (Nominal output Speed)	rpm	40
额定电流 (Nominal current)	A	3.2
输出额定功率 (Output Norminal power) / (热平衡点)	W	110
额定扭矩 (Nominal torque)	N.M	25
电机效率 (Motor efficiency)	%	70
瞬时过载系数 (Overload coefficient)	2	
线电阻 (Wire Resistance)	Ω	0.27
线电感 (Wire inductance)	mH	0.1
电机转速常数 (Motor Speed constant)	rpm/v	33
电机扭矩电流常数 (Motor Torque constant)	N.M/A	0.30
轴向负载 (Axial direction payload)	N	985
径向负载(Radial direction payload)	N	1250
转子惯量 (Rotor inertia)	gcm ²	2670
电机重量 (Motor weight)	g	900
减速机速比 (Reducer ratio)	36: 1	
减速箱背隙(Backlash)	Arc min	15

热平衡点: 以上热平衡点数据为我司在环境温度摄氏24度(无其他散热方式), 温升60度条件下测得。

用户需根据测试环境温度及散热条件, 合理设置额定工作区间。

<<< 电机特征曲线

