

系列名 Series Name
EPS-RH

电机简称 Motor Simplified Name

RH-14

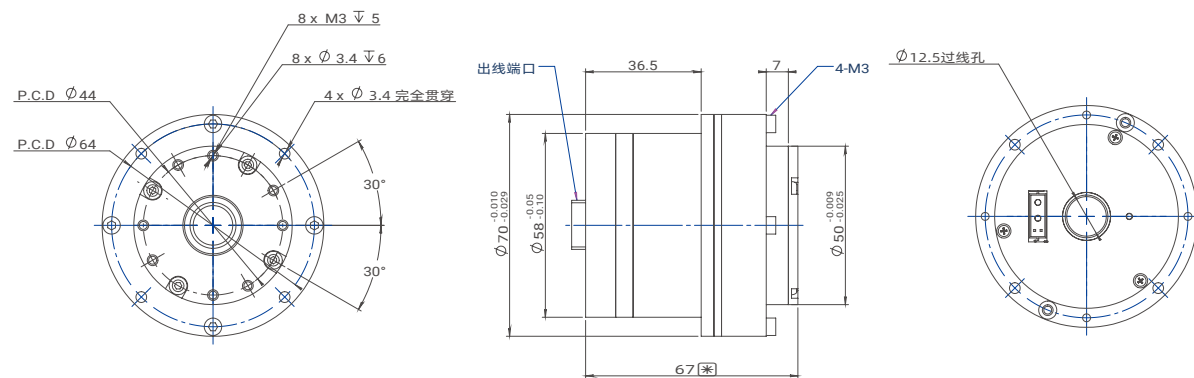


离轴编码器 Off Axis Encoder

型号 Actuator Full Name	货品编码 Product Code	抱闸/非抱闸 With Brake/Without Brake
ESP-RH-14-100-R-N	1103011000220100	N (without brake)
ESP-RH-14-100-C-N	1103011000120100	N (without brake)
ESP-RH-14-50-R-N	1103010500220100	N (without brake)
ESP-RH-14-50-C-N	1103010500120100	N (without brake)

尺寸安装图 Installation Drawing

EPS-RH-14-100-C-N
EPS-RH-14-50-C-N



产品参数 Product Parameters

产品名称 Item Name			RH-14	
减速机类型 Reducer type		-	谐波减速机 Harmonic reducer	
减速比 Gear Ratio		-	1:50	1:100
峰值扭矩 Peak Torque(start& stop)		N.m	18	28
额定扭矩 Rated Torque		N.m	7	11
峰值转速 Peak Speed		RPM	60	30
额定转速 Rated Speed		RPM	50	25
峰值电流 Peak current		A	3.5	3.5
额定电流 Rated current		A	1.5	1.5
额定电压 Rated voltage		V	48	48
额定功率 Motor Rated Power		W	100	100
线电阻 line to line resistance		ohms@20℃	0.9	0.9
相间电感 line to line inductance		mH	0.4	0.4
反向电动势 Back EMF		Vrms/KRPM	5.6	5.6
单方向精度背隙 Single Direction Accuracy Arc Sec		Arc Sec	40	30
重复定位精度 Repetitive Positioning Accuracy		Arc Sec	15	10
编码器类型 Encoder Type		Rev	ABS-17bit	ABS-17bit
中空轴直径 Hollow Shaft Diameter	N (without brake)	mm	12.5	12.5
	B (with brake)	mm	/	/
惯量 Inertia	N (without brake)	Kg.m ²	0.02	0.04
	B (with brake)	Kg.m ²	/	/
重量 Weigth	N (without brake)	g	710	710
	B (with brake)	g	/	/
防水等级 IP Protection	需定制 Need customization		IP65	IP65

* 额定扭矩测试方法：在环境温度摄氏24度（无其他散热方式）下，在额定转速下进行测试，电机扭矩在温升60度条件下达到温度平衡、可长时间工作点为该电机额定扭矩值。

* **Rated torque test method:** When the ambient temperature is 24 degrees Celsius (no other heat dissipation methods), the test is performed at the rated speed. The motor torque reaches temperature balance under the condition of a temperature rise of 60 degrees Celsius, and the long-term working point is the rated torque value of the motor.