

MYACTUATOR

专业 • 可靠 • 精进



## 更多信息 More Information

### 苏州脉塔智能科技有限公司

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Kunshan City, Suzhou City, Jiangsu Province, China.

### 国际市场 International Market



whatsapp



英文官网



Youtube

### 国内市场 Domestic market



童经理



中文官网

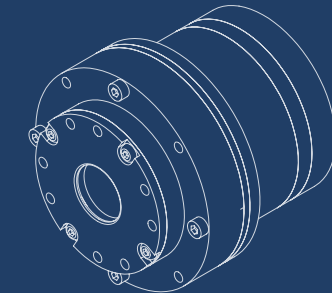


公众号

## 微型伺服·系统方案

Micro Servo Product Solution

产品可定制  
All Support Customization



## 一体化谐波模组

Integrated harmonic module

**EPS-RH** 系列 Series  
产品手册  
**Brochure**

# 关于我们

## About MYACTUATOR

5+  
产品系列  
Product Series

40+  
技术人才  
Technical talents

28+  
技术专利  
technology patent

3000<sup>m²</sup>+  
运营面积  
Operating area

苏州脉塔智能科技有限公司是一家专注于一体化智能伺服执行器的创新型科技公司。

公司成立于2020年，系苏州市重点科技型企业。先后荣获“江苏省科技型中小企业”，“昆山市科技型企业”，“苏州市人才科创企业”，“高新技术企业”等荣誉。

现有各类技术人才40名，技术专利28项，形成5大产品系列，上百款产品；综合运营面积超3000平，拥有完善的电机设计研发、生产制造及检测设备和先进的质量管理体系。

Suzhou Micro Actuator Technology Co., Ltd, an innovative technology company, focusing on integrated intelligent servo actuators.

The company established in 2020 and is a key technology enterprise in Suzhou. It has successively won the honors of "Jiangsu Province Science and Technology Small and Medium-sized Enterprises", "Kunshan City Science and Technology Talent Enterprise", "Suzhou City Talent Science and Technology Innovation Enterprise", "High-tech Enterprise" and other honors.

There are currently 40 technical talents of various types and 28 technical patents, forming 5 major product series and hundreds of products; the comprehensive operating area exceeds 3,000 square meters, with complete motor design and development, manufacturing and testing equipment and Advanced quality management system.



# 产品目录

## Product Catalog

### EPS-RH 系列 (离轴编码器)

EPS-RH Series (Off Axis Encoder)

RH-14	.....P5
RH-17	.....P7
RH-20	.....P9
RH-25	.....P11
RH-32	.....P13



一体化谐波模组  
Integrated Harmonic Module

# RH中空-系列

## RH -Harmonic-Series

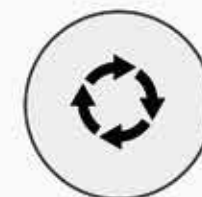
一体化设计、耐振动  
Integrated Design、Vibration Resistance



懂你的心 更懂如何用心

Understand what you need in heart and  
know how to make effort diligently

||



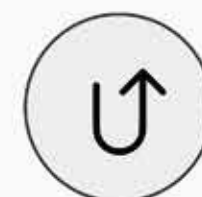
低速稳  
STABLE AT LOW SPEED



低噪音  
LOW NOISE



高精度  
HIGH PRECISION



承载力强  
STRONG CARRYING CAPACITY



精准控制  
PRECISE CONTROL



便捷操作  
EASY TO OPERATE

EPS-RH系列产品命名规则  
EPS-RH SERIES NAMING CONVENTIONS

DIVERSIFIED APPLICATION SCENARIOS  
多元化适用场景

EPS-RH-14-100-C-B

① ② ③ ④ ⑤ ⑥

- ① 品牌名称: EPS  
Brand Name E-Efficiency P-Precision S-Smart
- ② 中空谐波模组  
Hollow harmonic module
- ③ 谐波型号 例如: 14 17 20 25 32等  
Harmonic Model e.g:14 17 20 25 32 etc
- ④ 减速比 1:100  
Reduction ratio 1:100
- ⑤ 通信方式 C: CAN bus R: RS485 E: Ethercat  
Communication C: CAN bus R: RS485 E: Ethercat
- ⑥ N: 无抱闸 B: 有抱闸  
N: Without Brake B: with Brake

例如 For example

型号	EPS-RH-20-100-C-B
说明	EPS: 品牌名 RH: 中空谐波模组 20: 谐波型号 100: 谐波减速比100:1 C: CAN bus 通信 B: 有抱闸

Model	EPS-RH-20-100-C-B
Illustrate	EPS: Brand Name RH: Hollow harmonic module 20: Harmonic model 100: Harmonic gear ratio 100:1 C: Communication C: CAN bus B: With Brake



机械臂  
Robotic Arm



食品加工设备  
Food Processing



医疗器械  
Medical Equipment



数控铣床  
CNC Bed



造船工业  
Shipbuilding Industry



航空工业  
Aviation Industry



系列名 Series Name

EPS-RH

电机简称 Motor Simplified Name

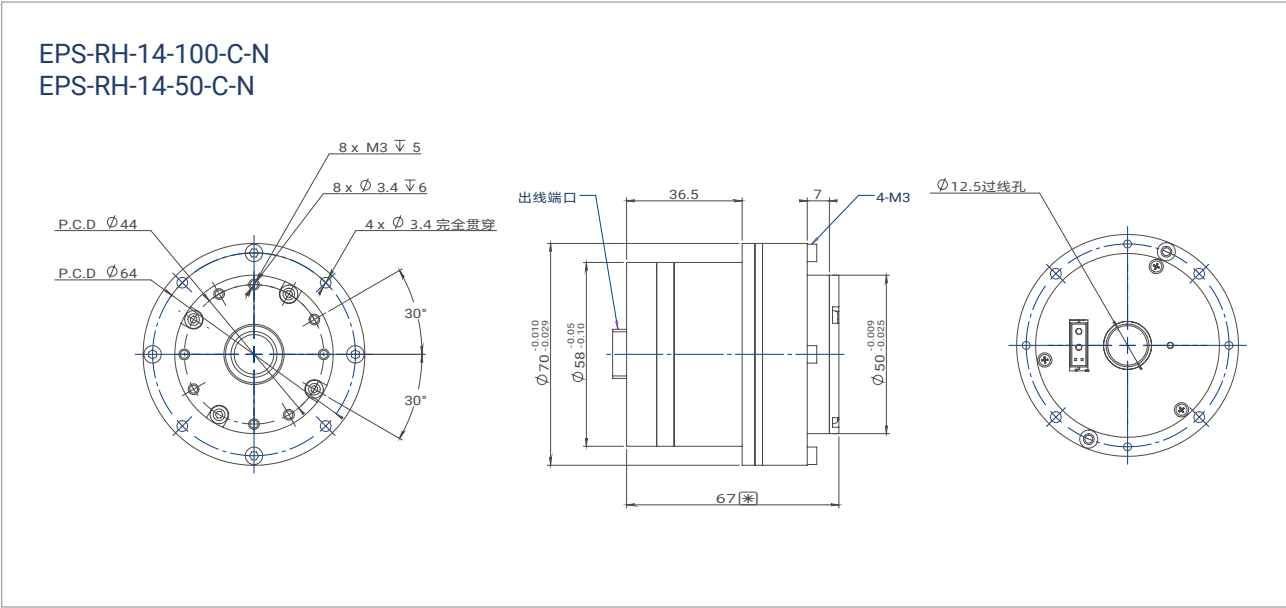
RH-14



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



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 C	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
	B (with brake)	mm	/
惯量 Inertia	N (without brake)	Kg.m <sup>2</sup>	0.02
	B (with brake)	Kg.m <sup>2</sup>	/
重量 Weigth	N (without brake)	g	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.

系列名 Series Name

EPS-RH

电机简称 Motor Simplified Name

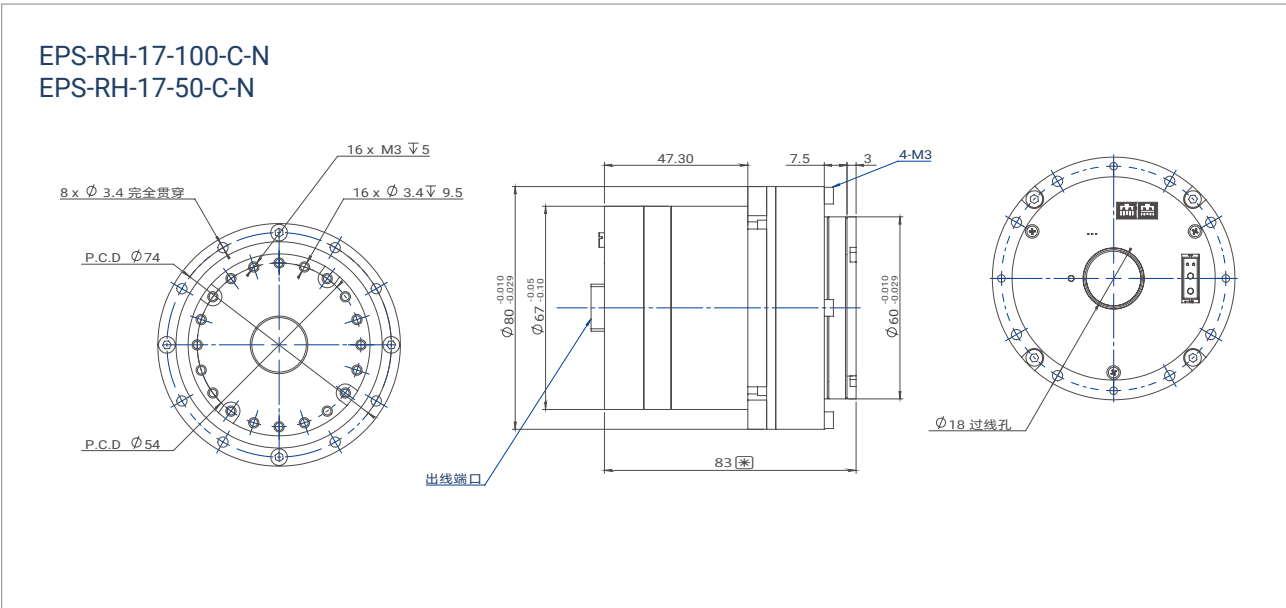
RH-17



离轴编码器 Off Axis Encoder

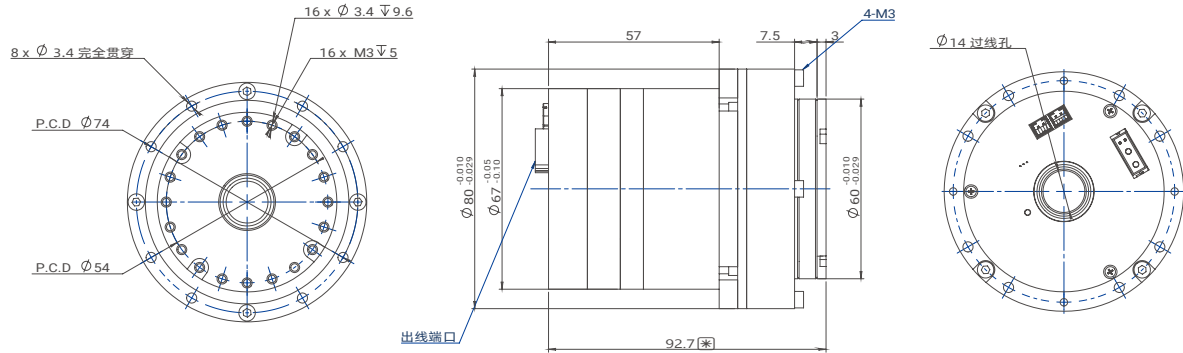
型号 Actuator Full Name	货品编码 Product Code	抱闸/非抱闸 With Brake/Without Brake
ESP-RH-17-100-C-B	1103021000121100	B (with brake)
ESP-RH-17-100-C-N	1103021000120100	N (without brake)
ESP-RH-17-50-C-B	1103020500121100	B (with brake)
ESP-RH-17-50-C-N	1103020500120100	N (without brake)

尺寸安装图 Installation Drawing



EPS-RH-17-100-C-B

EPS-RH-17-50-C-B



产品参数 Product Parameters

产品名称 Item Name		RH-17	
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	34	54
额定扭矩 Rated Torque	N.m	23	35
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	6.3	6.3
额定电流 Rated current	A	3.5	3.5
额定电压 Rated voltage	V	48	48
额定功率 Motor Rated Power	W	180	180
线电阻 line to line resistance	ohms@20 C	0.77	0.77
相间电感 line to line inductance	mH	0.38	0.38
反向电动势 Back EMF	Vrms/KRPM	7.30	7.30
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	18
	B (with brake)	mm	14
惯量 Inertia	N (without brake)	Kg.m <sup>2</sup>	0.05
	B (with brake)	Kg.m <sup>2</sup>	0.12
重量 Weigth	N (without brake)	g	1100
	B (with brake)	g	1250
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.

系列名 Series Name

EPS-RH

电机简称 Motor Simplified Name

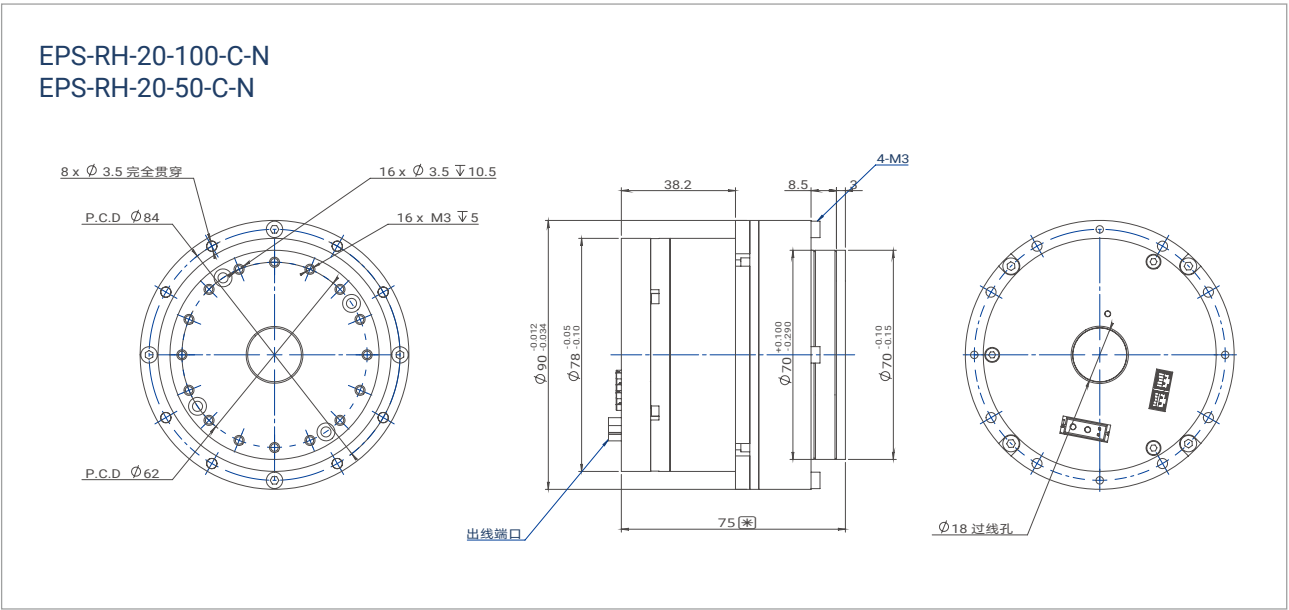
RH-20



离轴编码器 Off Axis Encoder

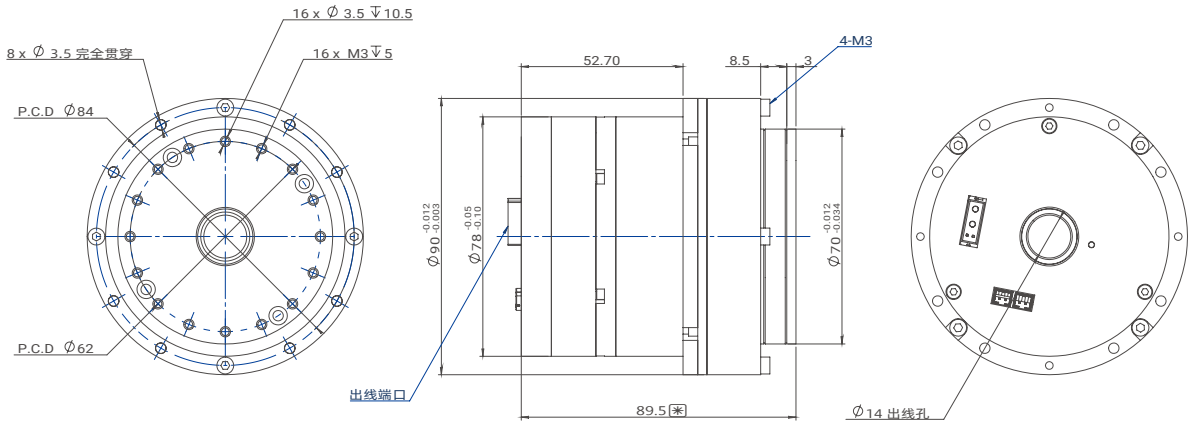
型号 Actuator Full Name	货品编码 Product Code	抱闸/非抱闸 With Brake/Without Brake
ESP-RH-20-100-C-B	1103031000121100	B (with brake)
ESP-RH-20-100-C-N	1103031000120100	N (without brake)
ESP-RH-20-50-C-B	1103030500121100	B (with brake)
ESP-RH-20-50-C-N	1103030500120100	N (without brake)

## 尺寸安装图 Installation Drawing



EPS-RH-20-100-C-B

EPS-RH-20-50-C-B



## 产品参数 Product Parameters

产品名称 Item Name		RH-20	
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	56	80
额定扭矩 Rated Torque	N.m	34	50
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	9.0	9.0
额定电流 Rated current	A	5.0	5.0
额定电压 Rated voltage	V	48	48
额定功率 Motor Rated Power	W	250	250
线电阻 line to line resistance	ohms@20 C	0.38	0.38
相间电感 line to line inductance	mH	0.33	0.33
反向电动势 Back EMF	Vrms/KRPM	7.00	7.00
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	18
	B (with brake)	mm	14
惯量 Inertia	N (without brake)	Kg.m <sup>2</sup>	0.07
	B (with brake)	Kg.m <sup>2</sup>	0.16
重量 Weigth	N (without brake)	g	1450
	B (with brake)	g	1600
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.

系列名 Series Name

EPS-RH

电机简称 Motor Simplified Name

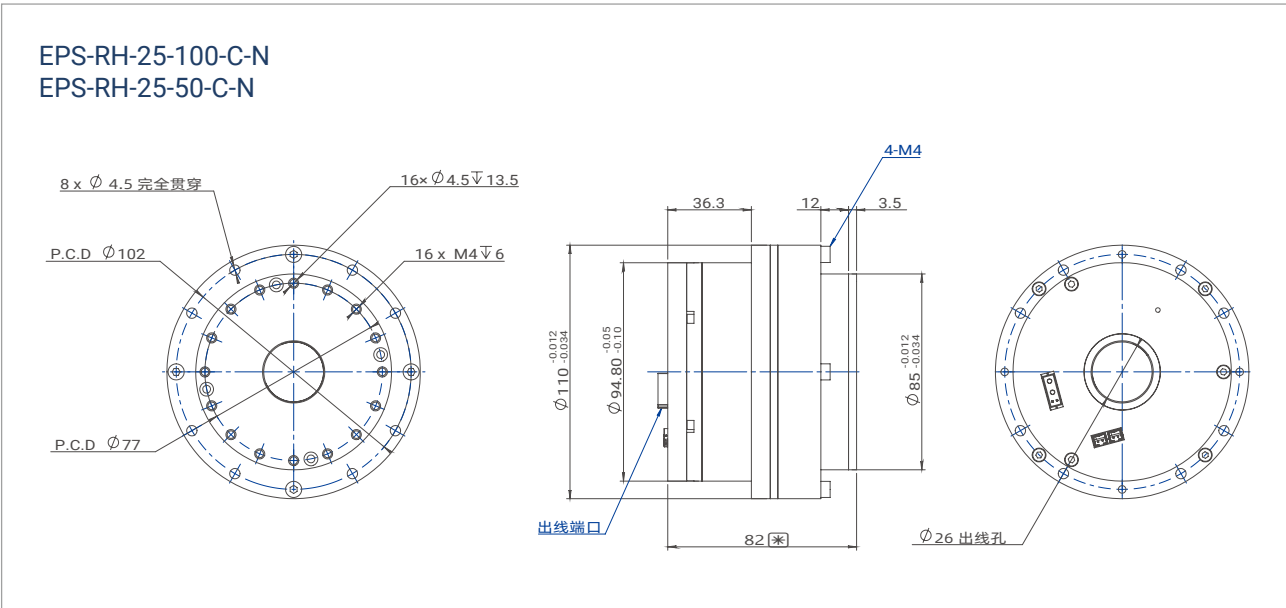
RH-25



离轴编码器 Off Axis Encoder

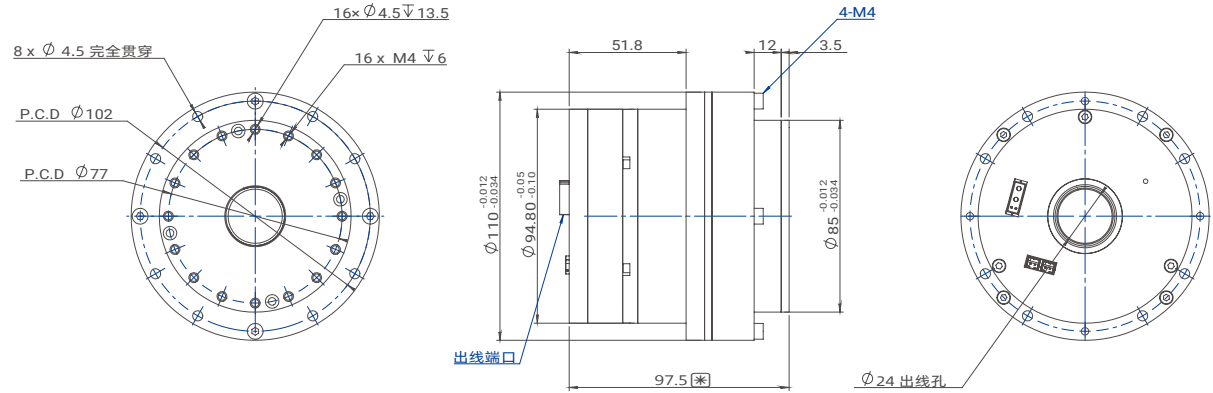
型号 Actuator Full Name	货品编码 Product Code	抱闸/非抱闸 With Brake/Without Brake
ESP-RH-25-100-C-B	1103041000121100	B (with brake)
ESP-RH-25-100-C-N	1103041000021100	N (without brake)
ESP-RH-25-50-C-B	1103040500121100	B (with brake)
ESP-RH-25-50-C-N	1103040500021100	N (without brake)

### 尺寸安装图 Installation Drawing



EPS-RH-25-100-C-B

EPS-RH-25-50-C-B



### 产品参数 Product Parameters

产品名称 Item Name	RH-25		
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	98	157
额定扭矩 Rated Torque	N.m	55	108
峰值转速 Peak Speed	RPM	45	30
额定转速 Rated Speed	RPM	40	25
峰值电流 Peak current	A	14.0	14.0
额定电流 Rated current	A	6.8	6.8
额定电压 Rated voltage	V	48	48
额定功率 Motor Rated Power	W	400	400
线电阻 line to line resistance	ohms@20 C	0.23	0.23
相间电感 line to line inductance	mH	0.30	0.30
反向电动势 Back EMF	Vrms/KRPM	9.80	9.80
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	26
	B (with brake)	mm	24
惯量 Inertia	N (without brake)	Kg.m <sup>2</sup>	0.17
	B (with brake)	Kg.m <sup>2</sup>	0.21
重量 Weigth	N (without brake)	g	2300
	B (with brake)	g	2820
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.



系列名 Series Name

EPS-RH

电机简称 Motor Simplified Name

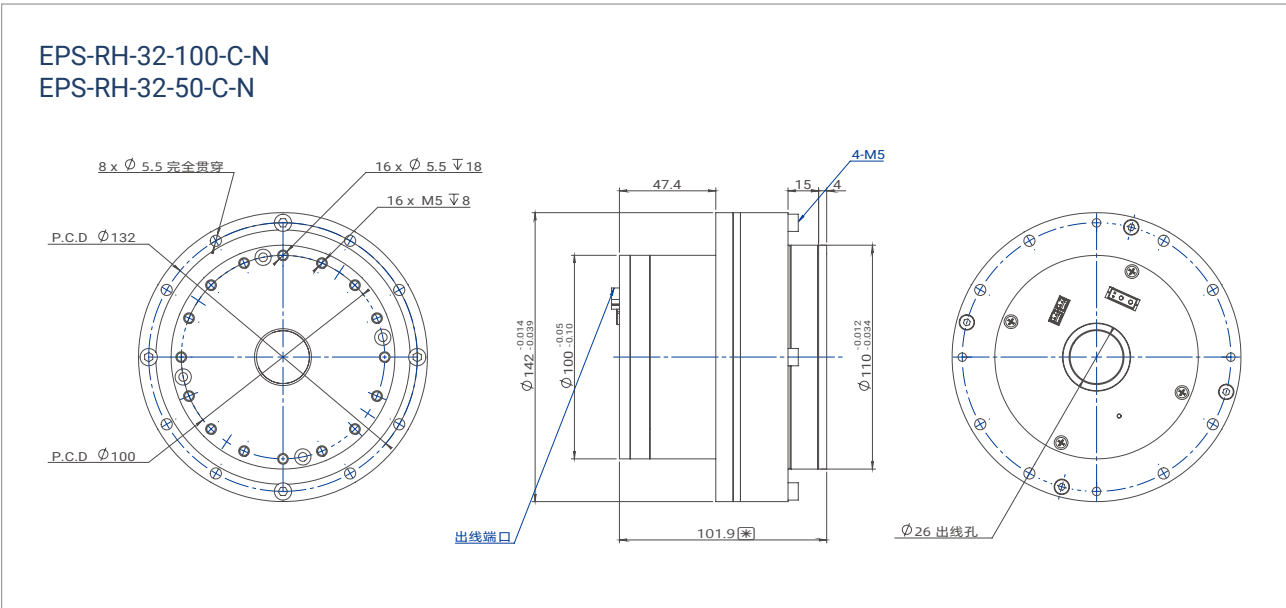
RH-32



离轴编码器 Off Axis Encoder

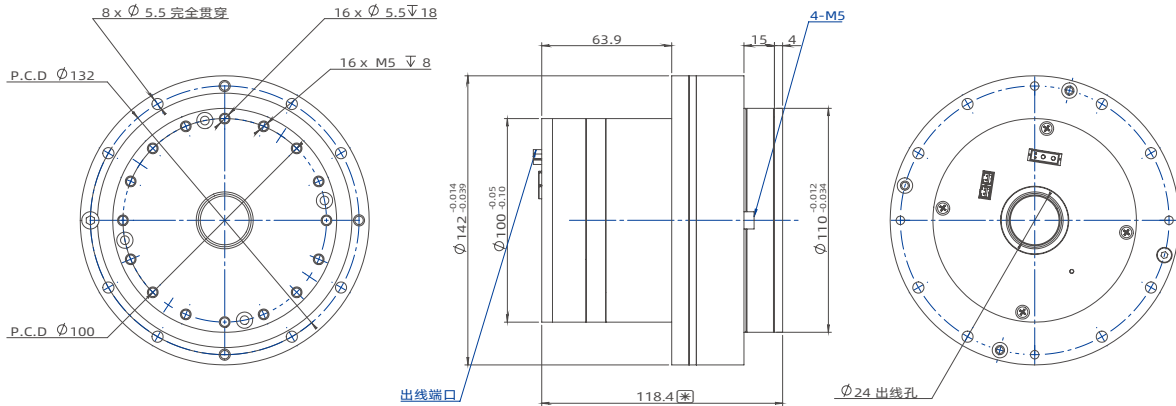
型号 Actuator Full Name	货品编码 Product Code	抱闸/非抱闸 With Brake/Without Brake
ESP-RH-32-100-C-B	1103051000121100	B (with brake)
ESP-RH-32-100-C-N	1103051000021100	N (without brake)
ESP-RH-32-50-C-B	1103050500121100	B (with brake)
ESP-RH-32-50-C-N	1103050500021100	N (without brake)

尺寸安装图 Installation Drawing



EPS-RH-32-100-C-B

EPS-RH-32-50-C-B



产品参数 Product Parameters

产品名称 Item Name		RH-32	
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	216	330
额定扭矩 Rated Torque	N.m	105	215
峰值转速 Peak Speed	RPM	40	20
额定转速 Rated Speed	RPM	35	18
峰值电流 Peak current	A	25.0	25.0
额定电流 Rated current	A	11.5	11.5
额定电压 Rated voltage	V	48	48
额定功率 Motor Rated Power	W	700	700
线电阻 line to line resistance	ohms@20 C	0.09	0.09
相间电感 line to line inductance	mH	0.13	0.13
反向电动势 Back EMF	Vrms/KRPM	8.30	8.30
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	26
	B (with brake)	mm	24
惯量 Inertia	N (without brake)	Kg.m <sup>2</sup>	0.53
	B (with brake)	Kg.m <sup>2</sup>	0.58
重量 Weigth	N (without brake)	g	4300
	B (with brake)	g	4700
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.

## 全球代理 Global Distributor

### 总部: 中国

#### 苏州脉塔智能科技有限公司

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### Headquater: China

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Address: #2 building, 599 Yuanchuang Road, Huaqiao District, Kunshan City, Suzhou City, Jiangsu Province, China.

### 独家总代理 Exclusive Distributor

#### DINGS' KOREA CO., LTD

Address: C-702, 158, Haneulmaeul-ro, Ilsandong-gu, Goyang-si, Goyang-si, Gyeonggi-do, Republic of Korea  
E-mail: daniel@dingsmotion.com  
Contact: daniel  
Phone number: +82-10-2733-9770  
Telephone: +82-31-994-0755  
Fax: +82-70-4325-0755  
Country: Korea

#### DINGS' MOTION USA

Address: 335 COCHRANE CIRCLE MORGAN HILL, CA 95037  
E-mail: sales@dingsmotionusa.com  
Telephone: +1-408-612-4970  
Country: USA

#### A2V MECATRONIQUE

Address: 6 rue Maryse Bastié 78125 GAZERAN  
E-mail: eric.regnard@a2v.fr  
Telephone: 3 16108 62 19  
Country: Europe

#### NetivTech Ltd

Address: Kibbutz Netiv Halamed Hey  
E-mail: nimrod@netivtech.com  
Telephone: +972 54 664 5705  
Country: Isreal

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