

직각좌표로봇

DRH Series

직렬



방진구조 직교로봇 (직렬)

1	2	3	4	5	6	7	8	9
Series	Base width	Type 1	Motor Power	Encoder	Lead	Stroke	Sensor	Motor Type
DRH	125	- S	- 200	- I	- L10	- 500	- S3	- B

1 Series

New!

Name of series : DRH series is NEW cartesian robot
DRH : NEW Cartesian robot, Samsung Option

2 Base Width

The base width of each models

3 Type1

The type of DRH series
S : Ballscrew, Straight type(Motor in-line type)
LP : Ballscrew, Left side parallel type(Motor side mount-LEFT)
RP : Ballscrew, Right side parallel type(Motor side mount-RIGHT)
BP : Ballscrew, Rear side parallel type(Motor side mount-BOTTOM)

4 Motor Power

Motor Capacity(W)
(ex. 100~100W)

5 Encoder

A : Absolute Encoder
The current slider position will be retained even after the power is turned off, so origin return is not required when the power is turned on.

I : Incremental Encoder
The slider position data will be cleared once the power is turned off, so origin return is required whenever the power is turned on.

6 Lead

The speed of Ballscrew type is decided by lead length and the speed of belt type is decided by reduction gear rate.
(ex. L05=Lead 5mm)

* 3,000RPM is maximum speed of the standard servo motor.
Speed is different by payload and operation conditions

7 Stroke

The operation range of cartesian robot
(ex. 300=300mm)

8 Sensor

The options to be equipped on the robot
S0 : No sensor
S1 : In the robot by magnetic sensor
S2 : In the robot by magnetic sensor. Org
S3 : External photo sensor

9 Motor Type

B = Motor brake type

• Type	직렬	• Base Width	DRH 70 / 90 / 125 / 160 / 200	• Stroke	100~1000mm	• Payload	5~240kg
• Max Speed	250~2000mm/s						

SPECIFICATION

Model	Repeatability	Speed	Stroke	Payload(Hor)	Payload(Ver)	Download	
						DWG	STP
DRH70	±0.02mm	250~1000mm/s	100~750mm	5~22kg	7~15kg		
DRH90	±0.02mm	250~1500mm/s	100~1000mm	5~80kg	6~25kg		
DRH125	±0.02mm	250~1500mm/s	100~1000mm	5~80kg	6~25kg		
DRH160	±0.02mm	250~2000mm/s	100~1000mm	25~240kg	10~80kg		
DRH200	±0.02mm	250~2000mm/s	100~1000mm	25~240kg	10~80kg		

직각좌표로봇

DRH Series

병렬



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2 Base Width The base width of each models	4 Stroke The operation range of cartesian robot (ex. 300~300mm)
5 Type1 The type of DRH series S : Ballscrew, Straight type(Motor in-line type) LP : Ballscrew, Left side parallel type(Motor side mount-LEFT) RP : Ballscrew, Right side parallel type(Motor side mount-RIGHT) BP : Ballscrew, Rear side parallel type(Motor side mount-BOTTOM)	6 Sensor The options to be equipped on the robot S0 : No sensor S1 : In the robot by magnetic sensor S2 : In the robot by magnetic sensor. Org S3 : External photo sensor
7 Motor Power Motor Capacity(W) (ex. 100~100W)	8 Motor Type B = Motor brake type
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Type

병렬

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DRH 70 / 90 / 125 / 160 / 200

Stroke

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Payload

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