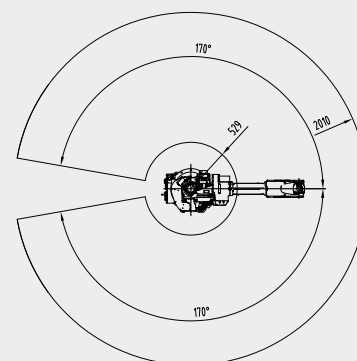
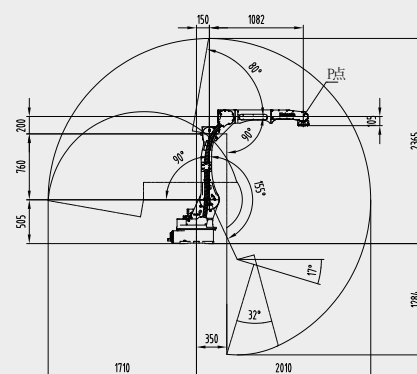




KR2010

Product Advantage

1ms High speed control

Using open EtherCAT bus high speed control technology,the system cycle is only 1ms.Greatly improve the system motion control performance and accuracy of motion control.Excellent scalability.

Power-off protection function

Power module CPS provides power-off protection and signal output , all date can be effectively protected.

Vibration suppression technique

Based on vibration suppression technique , focus on robot control technology in welding applications.

Special instruction for multiple robot

The flexibility of master-slave coordinated motion control is improved,and complex multi-robot coordinated actions are realized with simple program structure.

Make equipment more compact

Slim articular components and curved arm shape reduce interference with surrounding equipment.Hollow arm structure to stree cables, reduce movement restrictions due to cable interference,simplifies teching.

Specifications

ITEM		KR1440	KR2010
Construction		Vertical multiarticulation (6 degrees of freedom)	
Controlled axes		6 axes	
Drive mode		AC Servo motor	
Maximum payload		6kg	
Repeatability		± 0.08mm	
Range of motion	A1 (turning)	-170° ~+170°	-170° ~+170°
	A2 (lower arm)	-90° ~+155°	-90° ~+155°
	A3 (upper arm)	-90° ~+80°	-90° ~+80°
	A4 (arm rotating)	-150° ~+150°	-150° ~+150°
	A5 (arm swing)	-45° ~+180°	-45° ~+180°
	A6 (arm rolling)	-210° ~+210°	-210° ~+210°
Maximum speed	A1 (rotation)	2.6rad/s(150° /s)	4.5rad/s (255° /s)
	A2 (lower arm)	2.6rad/s(150° /s)	3rad/s (175° /s)
	A3 (upper arm)	2.6rad/s(150° /s)	4.6rad/s (265° /s)
	A4 (arm rotating)	8rad/s(460° /s)	8rad/s (460° /s)
	A5 (arm swing)	7rad/s(400° /s)	7rad/s (400° /s)
	A6 (arm rolling)	12.2rad/s(700° /s)	12.2rad/s (700° /s)
Vibration		Less than 4.9 m/s ²	
Brake		Holoaxial brake	
Temperature、Humidity		0°C~45°C ; 20%RH~80%RH ; Non condensing	
Power capacity		2KVA	
Weight		About 180kg	About 240kg

Controller Specification

ITEMS	SPECIFICATION
Communication interface	EtherCAT,Ethernet
Operation interface	Chinese
Input voltage	Three-phase AC380V(-10%~+10%),50/60HZ
Weight	About 120kg
Input/output port	Input/24pcs, output/24pcs



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