

iX4-650H/HS

Product name		iX4			
	Size	650			
	Type	H		HS	
	IP	Standard	IP65/67	Standard	
Part Number		RX4-216600[]	RX4-216602[]	RX4-216601[]	
Number of axes		4			
Mounting		inverted			
Working volume	X,Y axis (stroke)	1300 mm			
	Z axis (stroke)	500 mm			
	theta axis (rotation angle)	0° (fixed) (P30)			
		±46.25° (P31)			
		±92.5° (P32)			
±185° (P34)					
Maximum Payload		6 kg (P30: 15 kg)	3 kg (P30: 12 kg)		
Repeatability		±0.10 mm			
Cycle times, sustained, at 20°C ambient	Payload 0.1 kg	0.30 s *1, 0.46 s *2	0.39 s *1, 0.55 s *2		
	Payload 1.0 kg	0.36 s *1, 0.47 s *2	0.41 s *1, 0.58 s *2		
	Payload 2.0 kg	0.37 s *1, 0.52 s *2	0.42 s *1, 0.59 s *2		
	Payload 4.0 kg	0.41 s *1, 0.58 s *2	-		
	Payload 6.0 kg	0.43 s *1, 0.61 s *2	-		
Power Requirements		24 VDC: 6 A 200 to 240 VAC: 10 A, single-phase			
Protection	Base	Topside of robot	IP20	IP65	IP66
		Underside of robot	IP65	IP65	IP66
	Platform, Arms		IP67		
Environment	Ambient Temperature	1 to 40°C			
	Humidity Range	5 to 90% (non-condensing)			
Weight		117 kg			
USDA-Accepted for meat and poultry processing		---	---	Yes	
Basic configuration	Controller	iCS-ECAT			
	On-board I/O (Input/Output)	12/8			
	Conveyor tracking input	4			
	RS-232C serial communications port	1			
	Programming environment	Sysmac Studio 64-bit			
	ACE Sight	Yes			
	ePLC Connect	No			
ePLC I/O	No				
Connectable controller		Omron NJ501-R Series			

*1. Adept cycle, in mm (25/305/25)

*2. Extended cycle, in mm (25/700/25)

iX4-800H/HS

Product name		iX4			
	Size	800			
	Type	H		HS	
	IP	Standard	IP65/67	Standard	
Part Number		RX4-216630[]	RX4-216632[]	RX4-216631[]	
Number of axes		4			
Mounting		inverted			
Working volume	X,Y axis (stroke)	1600 mm			
	Z axis (stroke)	500 mm			
	theta axis (rotation angle)	0° (fixed) (P30)			
		±46.25° (P31)			
		±92.5° (P32)			
±185° (P34)					
Maximum Payload		4 kg (P30:10 kg)	1 kg (P30: 7 kg)		
Repeatability		±0.10 mm			
Cycle times, sustained (at 20°C ambient)	Payload 0.1 kg	0.33 s *1, 0.48 s *2	-		
	Payload 1.0 kg	0.38 s *1, 0.50 s *2	0.45 s *1, 0.62 s *2		
	Payload 2.0 kg	0.40 s *1, 0.55 s *2	-		
	Payload 4.0 kg	0.45 s *1, 0.62 s *2	-		
Power Requirements		24 VDC: 6 A 200 to 240 VAC: 10 A, single-phase			
Protection	Base	Topside of robot	IP20	IP65	IP66
		Underside of robot	IP65	IP65	IP66
	Platform, Arms		IP67		
Environment	Ambient Temperature		1 to 40°C		
	Humidity Range		5 to 90% (non-condensing)		
USDA-Accepted for meat and poultry processing		---	---	Yes	
Weight		117 kg			
Basic configuration	Controller		iCS-ECAT		
	On-board I/O (Input/Output)		12/8		
	Conveyor tracking input		4		
	RS-232C serial communications port		1		
	Programming environment		Sysmac Studio 64-bit		
	ACE Sight		Yes		
	ePLC Connect		No		
	ePLC I/O		No		
Connectable controller		Omron NJ501-R Series			

*1. Adept cycle, in mm (25/305/25)

*2. Extended cycle, in mm (25/700/25)