






Dustproof and Water-proof Linear Axes and Robots (IP54/65/67)


Linear Axes with 230VAC Servo Motor (ISWA/RCS2W), 24VDC Servo Motor (RCAW) and 24VDC Pulse Motor (RCP2W)

Series	View	Stroke (mm) und max. speed (mm/s)																Payload		Motor output (W)	Lead (mm)	Model	Protection grade			
		50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900					950	1000	1050
ISWA		800																7	—	60	16	IS (P) WA-S-60-16-000	IP65			
		400																20	—		8	IS (P) WA-S-60-8-000				
		200																45	—		4	IS (P) WA-S-60-4-000				
		500																30	—	100	10	IS (P) WA-M-100-10-000				
		250																70	—		5	IS (P) WA-M-100-5-000				
		1000																30	—	200	20	IS (P) WA-M-200-20-000				
		500																70	—		10	IS (P) WA-M-200-10-000				
		1000																30	—	200	20	IS (P) WA-L-200-20-000				
		500																70	—		10	IS (P) WA-L-200-10-000				
		1000																70	—	400	20	IS (P) WA-L-400-20-000				
RCP2W (*)		180																~25	—	—	8	RCP2W-SA16C-I-86P-8-000	IP67			
		133																~35	—		4	RCP2W-SA16C-I-86P-4-000				
		450 <250>																~25	~4.5	—	10	RCP2W-RA4C-I-42P-10-000	IP65			
		190																40	~12		5	RCP2W-RA4C-I-42P-5-000				
		125 <115>																40	~19		2.5	RCP2W-RA4C-I-42P-2.5-000				
		320 <265>																~40	~5		16	RCP2W-RA6C-I-56P-16-000				
		200																50	~17.5		8	RCP2W-RA6C-I-56P-8-000				
		100																55	~26		4	RCP2W-RA6C-I-56P-4-000				
			250 <167>																~80		~80	—		10	RCP2W-RA10C-I-86P-10-000	IP54
			125																150		~100			5	RCP2W-RA10C-I-86P-5-000	
63																300	~150	2.5	RCP2W-RA10C-I-86P-2.5-000							
RCAW RCS2W		500																4	1.5	20	10	RCAW-RA30 -I-20-10-000	IP54			
		250																9	3		5	RCAW-RA30 -I-20-5-000				
		125																18	6.5		2.5	RCAW-RA30 -I-20-2.5-000				
		600																3	1	20	12	RCAW-RA40 -0 -20-12-000				
		300																6	2		6	RCAW-RA40 -0 -20-6-000				
		150																12	4		3	RCAW-RA40 -0 -20-3-000				
		600																4	1.5	30	12	RCAW-RA40 -0 -30-12-000				
		300																9	3		6	RCAW-RA40 -0 -30-6-000				
		150																18	6.5		3	RCAW-RA40 -0 -30-3-000				
		600																3	1	20	12	RCS2W-RA40 -0 -20-12-000				
		300																6	2		6	RCS2W-RA40 -0 -20-6-000				
		150																12	4		3	RCS2W-RA40 -0 -20-3-000				
		600																4	1.5	30	12	RCS2W-RA40 -0 -30-12-000				
		300																9	3		6	RCS2W-RA40 -0 -30-6-000				
		150																18	6.5		3	RCS2W-RA40 -0 -30-3-000				

(*) : Dustproof Gripper RCP2W-GR (IP50) available as additional module, e.g. for SCARA robot

< > : Indication of speed of vertical application

SCARA Robots (IX-NNW) of Small, Medium and Large Size with 0.5 Seconds Standard Cycle Time

Series	View	Arm length (mm) and max. composite speed (mm/s)						Load capacity		Vertical axis stroke		Model	Protection grade				
		250	350	500	600	700	800	Rated (kg)	Maximum (kg)	Standard (mm)	Optional (mm)						
IX-NNW		3142						1	3	150	—	IX-NNW2515	IP65				
		3979							1	3	150	—		IX-NNW3515			
		6283								2	10	200		300	IX-NNW5020(5030)		
		7121									2	10		200	300	IX-NNW6020(6030)	
		6597										5		20	200	400	IX-NNW7020(7040)
		7121												5	20	200	400