

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
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		IX-NNW8020(8040)	