Linear 1-axis Robots

Revised Maximum Speeds of IS(P)A Series

Linear Robots with Standard (ISA) und Precision Specification (ISPA) with 230VAC Servo Motor

Series	View	Stroke (mm) and max. speed (mm/s)	Payload Horizontal (kg)	Payload Vertical (kg)	Motor output (W)	Lead (mm)	Model	Rated thrust (N)
ISA ISPA		100: 960	12	3	60	16	ISA (ISPA)-SXM-□-60-16-□□□	63.1
		200: 480	25	6	60	8	ISA (ISPA)-SXM-□-60-8-□□□	127.4
		400: 240	50	14	60	4	ISA (ISPA)-SXM-□-60-4-□□□	254.8
		100: 960	12	3	60	16	ISA (ISPA)-SYM-□-60-16-□□□	63.1
		200: 480	25	6	60	8	ISA (ISPA)-SYM-□-60-8-□□□	127.4
		400: 240	50	14	60	4	ISA (ISPA)-SYM-□-60-4-□□□	254.8
		200: 480	–	6	60	8	ISA (ISPA)-SZM-□-60-8-□□□-B	127.4
		400: 240	–	14	60	4	ISA (ISPA)-SZM-□-60-4-□□□-B	254.8
	NEW MODEL	100: 1800 / 1200: 1290 / 1045 / 860	12	–	100	30	ISA (ISPA)-MXM-□-100-30-□□□	56.2
		100: 1200 / 860 / 695 / 570	20	5	100	20	ISA (ISPA)-MXM-□-100-20-□□□	84.3
		100: 600 / 430 / 345 / 280	40	9	100	10	ISA (ISPA)-MXM-□-100-10-□□□	169.5
		100: 300 / 215 / 170 / 140	80	19	100	5	ISA (ISPA)-MXM-□-100-5-□□□	340.1
		100: 1800 / 1200: 1290 / 1045 / 860	25	6	200	30	ISA (ISPA)-MXM-□-200-30-□□□	113.0
		100: 1200 / 860 / 695 / 570	40	9	200	20	ISA (ISPA)-MXM-□-200-20-□□□	169.5
		100: 600 / 430 / 345 / 280	80	19	200	10	ISA (ISPA)-MXM-□-200-10-□□□	340.1
		1200: 1800 / 1650 / 1500 / 1425 / 1200 / 1050 / 900 / 825 / 750 / 675	25	–	200	30	ISA (ISPA)-MXMX-□-200-30-□□□	113.0
		1200: 1200 / 1100 / 1000 / 950 / 800 / 700 / 600 / 550 / 500 / 450	40	–	200	20	ISA (ISPA)-MXMX-□-200-20-□□□	169.5
	NEW MODEL	100: 1800 / 1200: 1290 / 1045 / 860	12	–	100	30	ISA (ISPA)-MYM-□-100-30-□□□	56.2
		100: 1200 / 860 / 695 / 570	20	5	100	20	ISA (ISPA)-MYM-□-100-20-□□□	84.3
		100: 600 / 430 / 345 / 280	40	9	100	10	ISA (ISPA)-MYM-□-100-10-□□□	169.5
		100: 300 / 215 / 170 / 140	80	19	100	5	ISA (ISPA)-MYM-□-100-5-□□□	340.1
		100: 1800 / 1200: 1290 / 1045 / 860	25	6	200	30	ISA (ISPA)-MYM-□-200-30-□□□	113.0
		100: 1200 / 860 / 695 / 570	40	9	200	20	ISA (ISPA)-MYM-□-200-20-□□□	169.5
		100: 600 / 430 / 345 / 280	80	19	200	10	ISA (ISPA)-MYM-□-200-10-□□□	340.1
		100: 600 / 430 / 345 / 280	–	9	100	10	ISA (ISPA)-MZM-□-100-10-□□□-B	169.5
		100: 300 / 215 / 170 / 140	–	19	100	5	ISA (ISPA)-MZM-□-100-5-□□□-B	340.1
		100: 600 / 430 / 345 / 280	–	19	200	10	ISA (ISPA)-MZM-□-200-10-□□□-B	340.1
		100: 1200 / 920 / 765 / 645 / 550	40	9	200	20	ISA (ISPA)-LXM-□-200-20-□□□	170.5
		100: 600 / 460 / 380 / 320 / 270	80	19	200	10	ISA (ISPA)-LXM-□-200-10-□□□	340.1
		100: 2400 / 1840 / 1530 / 1290 / 1100	40	9	400	40	ISA (ISPA)-LXM-□-400-40-□□□	170.5
		100: 1200 / 920 / 765 / 645 / 550	80	19	400	20	ISA (ISPA)-LXM-□-400-20-□□□	340.1
		1200: 1150 / 1000 / 950 / 830 / 740 / 650 / 590 / 540 / 490 / 440 / 410 / 370 / 340	40	–	200	20	ISA (ISPA)-LXMX-□-200-20-□□□	170.5
		2400: 2300 / 2000 / 1900 / 1660 / 1480 / 1300 / 1180 / 1080 / 980 / 880 / 820 / 740 / 680	40	–	400	40	ISA (ISPA)-LXMX-□-400-40-□□□	170.0
		1200: 1150 / 1000 / 950 / 830 / 740 / 650 / 590 / 540 / 490 / 440 / 410 / 370 / 340	80	–	400	20	ISA (ISPA)-LXMX-□-400-20-□□□	340.1
		1200: 1150 / 1000 / 950 / 830 / 740 / 650 / 590 / 540 / 490 / 440 / 410 / 370 / 340	40	–	200	20	ISA (ISPA)-LXUWX-□-200-20-□□□	170.5
		2400: 2300 / 2000 / 1900 / 1660 / 1480 / 1300 / 1180 / 1080 / 980 / 880 / 820 / 740 / 680	40	–	400	40	ISA (ISPA)-LXUWX-□-400-40-□□□	170.0
		1200: 1150 / 1000 / 950 / 830 / 740 / 650 / 590 / 540 / 490 / 440 / 410 / 370 / 340	80	–	400	20	ISA (ISPA)-LXUWX-□-400-20-□□□	340.1
		100: 1200 / 920 / 765 / 645 / 550	40	9	200	20	ISA (ISPA)-LYM-□-200-20-□□□	170.5
		100: 600 / 460 / 380 / 320 / 270	80	19	200	10	ISA (ISPA)-LYM-□-200-10-□□□	340.1
		100: 2400 / 1840 / 1530 / 1290 / 1100	40	9	400	40	ISA (ISPA)-LYM-□-400-40-□□□	170.0
		100: 1200 / 920 / 765 / 645 / 550	80	19	400	20	ISA (ISPA)-LYM-□-400-20-□□□	340.1
		100: 600 / 460 / 380 / 320 / 270	–	19	200	10	ISA (ISPA)-LZM-□-200-10-□□□-B	340.1
		100: 600 / 460 / 380 / 320 / 270	–	39	400	10	ISA (ISPA)-LZM-□-400-10-□□□-B	680.2
		100: 2400 / 1840 / 1530 / 1290 / 1100 / 950	60	14	600	40	ISA (ISPA)-WXM-□-600-40-□□□	255.0
		100: 1200 / 920 / 765 / 645 / 550 / 475	120	29	600	20	ISA (ISPA)-WXM-□-600-20-□□□	510.0
		100: 600 / 460 / 380 / 320 / 270 / 235	150	60	600	10	ISA (ISPA)-WXM-□-600-10-□□□	1020.0
		100: 2000 / 1840 / 1570 / 1360	60	14	750	50	ISA (ISPA)-WXM-□-750-50-□□□	255.0
		100: 1250 / 1090 / 920 / 785 / 680	120	29	750	25	ISA (ISPA)-WXM-□-750-25-□□□	510.0
		1200: 2400 / 2200 / 1965 / 1725 / 1530 / 1365 / 1225 / 1110 / 1005 / 915 / 840 / 770 / 710 / 655	60	–	600	40	ISA (ISPA)-WXMX-□-600-40-□□□	255.0
		1200: 1200 / 1100 / 980 / 860 / 765 / 680 / 610 / 555 / 500 / 455 / 420 / 385 / 355 / 325	120	–	600	20	ISA (ISPA)-WXMX-□-600-20-□□□	510.0
		1200: 2000 / 1930 / 1740 / 1580 / 1440 / 1320 / 1210 / 1115 / 1035	60	–	750	50	ISA (ISPA)-WXMX-□-750-50-□□□	255.0
		1200: 1250 / 1200 / 1075 / 965 / 870 / 790 / 720 / 660 / 605 / 555 / 515	120	–	750	25	ISA (ISPA)-WXMX-□-750-25-□□□	510.0