




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		Motor output (W)	Lead (mm)	Model	Rated thrust (N)			
		100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	Horizontal (kg)					Vertical (kg)		
																										(kg)	(kg)							
ISA ISPA		960																									12	3	60	16	ISA (ISA)-SXM-□-60-16-□□□	63.1		
		480																										25		6	8	ISA (ISA)-SXM-□-60-8-□□□	127.4	
		240																										50		14	4	ISA (ISA)-SXM-□-60-4-□□□	254.8	
		960																										12	3	60	16	ISA (ISA)-SYM-□-60-16-□□□	63.1	
		480																										25	6		8	ISA (ISA)-SYM-□-60-8-□□□	127.4	
		240																										50	14		4	ISA (ISA)-SYM-□-60-4-□□□	254.8	
		480																											—	6	60	8	ISA (ISA)-SZM-□-60-8-□□□-B	127.4
		240																										—	14	4		ISA (ISA)-SZM-□-60-4-□□□-B	254.8	
	NEW MODEL	1800	1200	1045	860																							12	—	100	30	ISA (ISA)-MXM-□-100-30-□□□	56.2	
	1200	860	695	570																								20	5		20	ISA (ISA)-MXM-□-100-20-□□□	84.3	
	600	430	345	280																							40	9	10		ISA (ISA)-MXM-□-100-10-□□□	169.5		
	300	215	170	140																							80	19	5		ISA (ISA)-MXM-□-100-5-□□□	340.1		
	1800	1200	1045	860																								25	6		200	30	ISA (ISA)-MXM-□-200-30-□□□	113.0
	1200	860	695	570																							40	9	20			ISA (ISA)-MXM-□-200-20-□□□	169.5	
	600	430	345	280																							80	19	10		ISA (ISA)-MXM-□-200-10-□□□	340.1		
	NEW MODEL	1800	1200	1045	860																							25	—	200	30	ISA (ISA)-MXMX-□-200-30-□□□	113.0	
	1200	860	695	570																							40	—	20		ISA (ISA)-MXMX-□-200-20-□□□	169.5		
	NEW MODEL	1800	1200	1045	860																							12	—	100	30	ISA (ISA)-MYM-□-100-30-□□□	56.2	
	1200	860	695	570																								20	5		20	ISA (ISA)-MYM-□-100-20-□□□	84.3	
	600	430	345	280																							40	9	10		ISA (ISA)-MYM-□-100-10-□□□	169.5		
	300	215	170	140																							80	19	5		ISA (ISA)-MYM-□-100-5-□□□	340.1		
	1800	1200	1045	860																								25	6		200	30	ISA (ISA)-MYM-□-200-30-□□□	113.0
	1200	860	695	570																							40	9	20			ISA (ISA)-MYM-□-200-20-□□□	169.5	
	600	430	345	280																							80	19	10		ISA (ISA)-MYM-□-200-10-□□□	340.1		
	NEW MODEL	600	430	345	280																							—	9	100	10	ISA (ISA)-MZM-□-100-10-□□□-B	169.5	
	300	215	170	140																							—	19	5		ISA (ISA)-MZM-□-100-5-□□□-B	340.1		
	NEW MODEL	600	430	345	280																							—	19	200	10	ISA (ISA)-MZM-□-200-10-□□□-B	340.1	
	1200	860	695	570																							40	9	20		ISA (ISA)-LXM-□-200-20-□□□	170.5		
	600	480	380	320	270																							80	19	10	ISA (ISA)-LXM-□-200-10-□□□	340.1		
	NEW MODEL	2400	1840	1530	1290	1100																						40	9	400	40	ISA (ISA)-LXM-□-400-40-□□□	170.5	
	1200	920	765	645	550																						80	19	20		ISA (ISA)-LXM-□-400-20-□□□	340.1		
	NEW MODEL	1200	920	765	645	550																						40	—	200	20	ISA (ISA)-LXMX-□-200-20-□□□	170.5	
	2400	2200	2000	1930	1660	1480	1300	1160	1080	980	880	820	740	680													40	—	40		ISA (ISA)-LXMX-□-400-40-□□□	170.0		
	NEW MODEL	1200	920	765	645	550																						80	—	200	20	ISA (ISA)-LXMX-□-400-20-□□□	340.1	
	2400	2200	2000	1930	1660	1480	1300	1160	1080	980	880	820	740	680													40	—	40		ISA (ISA)-LXUWX-□-200-20-□□□	170.5		
	NEW MODEL	1200	920	765	645	550																						40	—	400	40	ISA (ISA)-LXUWX-□-400-40-□□□	170.0	
	2400	2200	2000	1930	1660	1480	1300	1160	1080	980	880	820	740	680													80	—	20		ISA (ISA)-LXUWX-□-400-20-□□□	340.1		
	NEW MODEL	1200	920	765	645	550																						40	9	200	20	ISA (ISA)-LYM-□-200-20-□□□	170.5	
	600	460	380	320	270																						80	19	10		ISA (ISA)-LYM-□-200-10-□□□	340.1		
	NEW MODEL	2400	1840	1530	1290	1100																						40	9	400	40	ISA (ISA)-LYM-□-400-40-□□□	170.0	
1200	920	765	645	550																						80	19	20	ISA (ISA)-LYM-□-400-20-□□□		340.1			
NEW MODEL	600	460	380	320	270																						—	19	200	10	ISA (ISA)-LZM-□-200-10-□□□-B	340.1		
600	460	380	320	270																						—	39	400		10	ISA (ISA)-LZM-□-400-10-□□□-B	680.2		
NEW MODEL	2400	1840	1530	1290	1100	950																					60	14	600	40	ISA (ISA)-WXM-□-600-40-□□□	255.0		
1200	920	765	645	550	475																					120	29	20		ISA (ISA)-WXM-□-600-20-□□□	510.0			
NEW MODEL	600	460	380	320	270	235																					150	60	10	ISA (ISA)-WXM-□-600-10-□□□	1020.0			
NEW MODEL	2000	1840	1570	1380																							60	14	750	50	ISA (ISA)-WXM-□-750-50-□□□	255.0		
1250	1090	920	785	680																						120	29	25		ISA (ISA)-WXM-□-750-25-□□□	510.0			
NEW MODEL	2400	2200	1965	1725	1530	1365	1225	1110	1005	915	840	770	710	655													60	—	600	40	ISA (ISA)-WXM-□-600-40-□□□	255.0		
1200	1100	980	860	765	680	610	555	500	455	420	385	355	325													120	—	20		ISA (ISA)-WXM-□-600-20-□□□	510.0			
NEW MODEL	2000	1840	1570	1380																							60	—	750	50	ISA (ISA)-WXM-□-750-50-□□□	255.0		
1250	1200	1075	965	870	790																					120	—	25		ISA (ISA)-WXM-□-750-25-□□□	510.0			