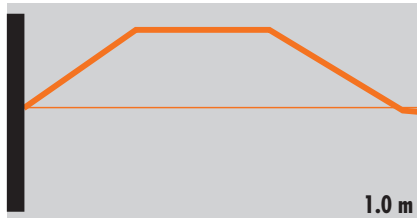


ServoLinear™ Motion Matrix—1.0 m



The Motion Matrix is based on a standard move of 1.0 meter (39 inches); with a profile of 1/3 accel, 1/3 decel, 1/3 constant speed.

Choose a ServoLinear™ product solution (A through K) from the Motion Matrix that matches your speed and load requirements.

		Mass - (lbs)						
		1	10	30	50	100	m/sec	move time
Speed - in/sec	10	A & I	A & I	A & I	A & I	A & I	.25	6.0 sec
	50	A & I	C & J	C & J	E & J	G & K	1.27	1.2 sec
	100	E & J	E & J				2.54	0.6 sec
	200	K					5.08	0.3 sec

ServoLinear™ Product Solution

Motion Matrix	Model	Speed	Force	Motor
A	B-PL-40-40-4	70 in/sec	10 lbs	XV403
B	B-PL-40-40-8	35 in/sec	20 lbs	XV403
C	B-PL-40-60-4	70 in/sec	40 lbs	XV6011
D	B-PL-40-60-8	35 in/sec	80 lbs	XV6011
E	B-SQ-80-80-4	160 in/sec	100 lbs	XV8028
F	B-SQ-80-80-8	80 in/sec	200 lbs	XV8028
G	B-SQ-80-130-4	66 in/sec	350 lbs	XV13089
H	B-SQ-80-130-8	33 in/sec	600 lbs	XV13089
I	L-MT-GL20-250Q	200 in/sec	20 lbs	250Q
J	L-MT-GL20-250X	200 in/sec	35 lbs	250X
K	L-MT-GL20-350Q	200 in/sec	50 lbs	350X