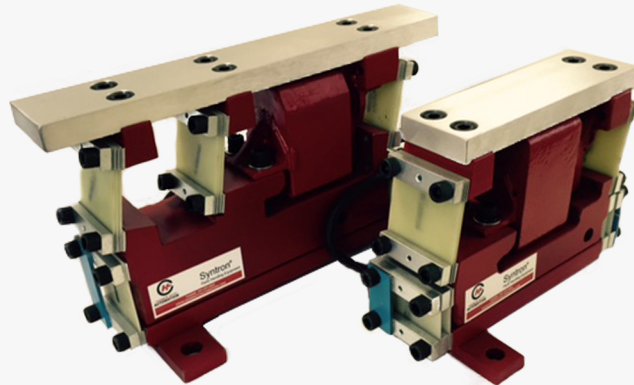


## Syntron® Solid Mount Linear Drive



### Feed Track and Control Recommendations

Drive	Track Length inch	Track Weight (lb)		Drive Weight (lb)	Recommended Control
		Optimum*	Max**		
LD-1 <sup>■</sup>	3 1/4 - 12	--	1.1	2 1/2	HCA-R3
LD-4	7 3/4 - 18	4	8	25	HCA-R3
LD-8	14 - 30	8	16	42	HCA-R3
LD-12	18 1/2 - 36	12	24	64	HCA-R3

### Amperage Ratings

Drive	Voltage	Current (amps)
LD-1	115/50/60 AC	.225
	230/50/60 AC	.125
LD-4	115/60 RC	1.25
	115/60 AC	1.25
	230/50 RC	.63
LD-8	115/60 RC	2.5
	230/60 RC	1.35
	115/50 RC	1.4
	230/50 RC	.7
LD-12	115/60 RC	4
	230/60 RC	2
	115/50 RC	2.7
	230/50 RC	1.35

\* High speed and drive stability can be achieved over a broad range of track weights, however, track weights which approach 1- 1/2 times the optimum weights shown, or higher, will result in lower feed rates when drive is tuned for safe and stable operation.

\*\* The use of the HCA-R3 or R5, with its current limiting and soft start features, is recommended when track weights are approximately 1- 1/2 times optimum weights shown, or higher. These features allow for fine tuning stroke and feeder current, to avoid striking, spring breakage and coil failures.

- LD-1 track should be centrally located along the length of the top mounting plate

