

MINIATURE SLIDE MOTION SYSTEM - SCREW DRIVEN

An economical alternative to conventional miniature linear guides.

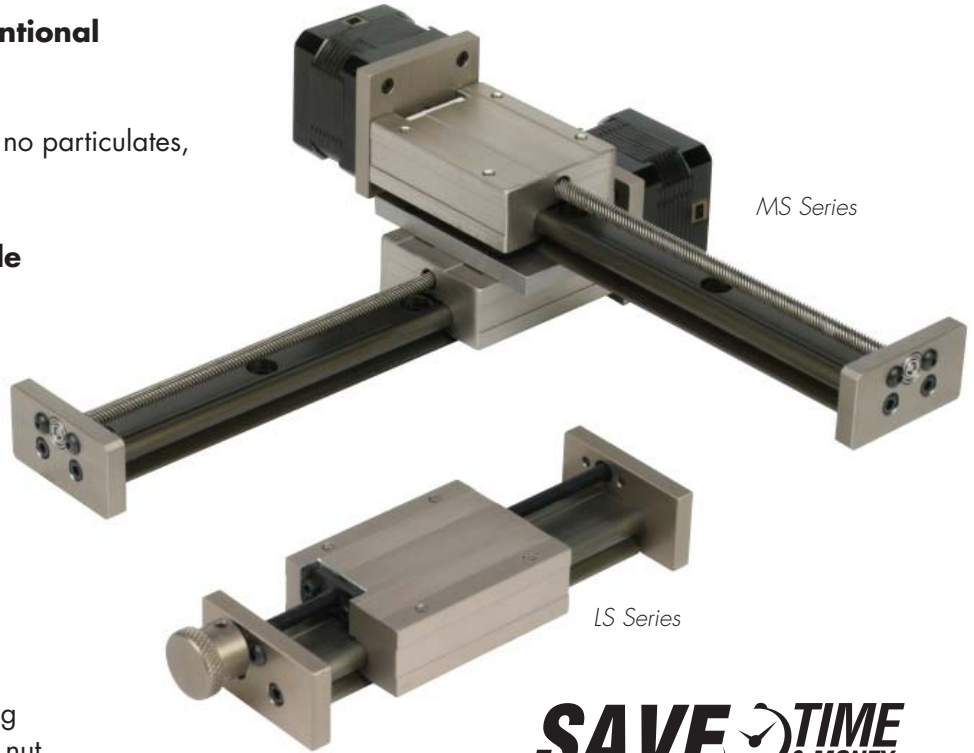
- **Self-lubricating design** - no sealing, no particulates, and tolerates high temperature extremes
- **Corrosion-resistant**
- **Industry standard interchangeable**
- **Lengths up to 640 mm**
- **Three (3) leads available**
- **Optional hand brake**

MS Series

- Robust design - reliable
- High torque stepper motor (NEMA 17)
- Preloaded drive nut

LS Series

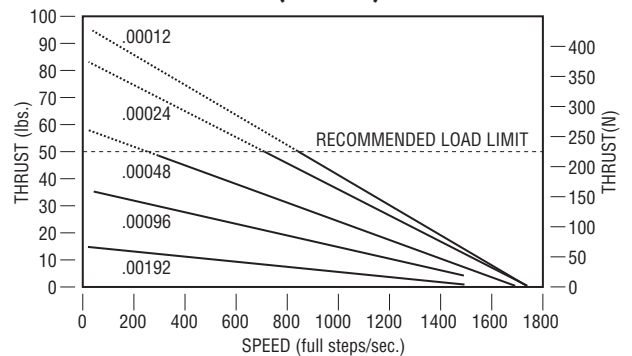
- Right hand rolled thread
- 303 stainless steel screw with TFE coating
- Self-lubricating polyacetal, anti-backlash nut



SAVE TIME & MONEY



SIZE 17 STEPPER MOTOR WITH 5.54MM (0.218") SCREW



APPLICATIONS

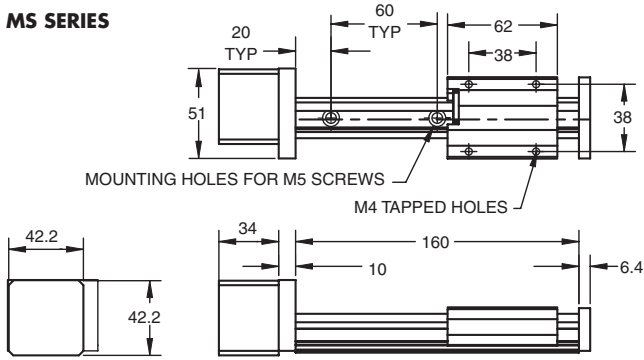
- Automation
- Packaging
- Printing
- Medical equipment
- Medical-precision
- Electronics

LINEAR TRAVEL PER STEP
.001524 mm (.00006")
.003048 mm (.00012")
.006096 mm (.00024")
.012192 mm (.00048")
.024384 mm (.00096")
.048768 mm (.00192")

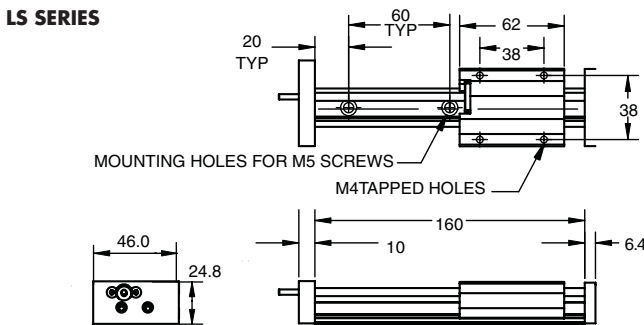
CONTACT AN APPLICATION ENGINEER TO CUSTOMIZE YOUR LS/MS GANTRY SYSTEM!

DIMENSIONAL DATA

MS SERIES

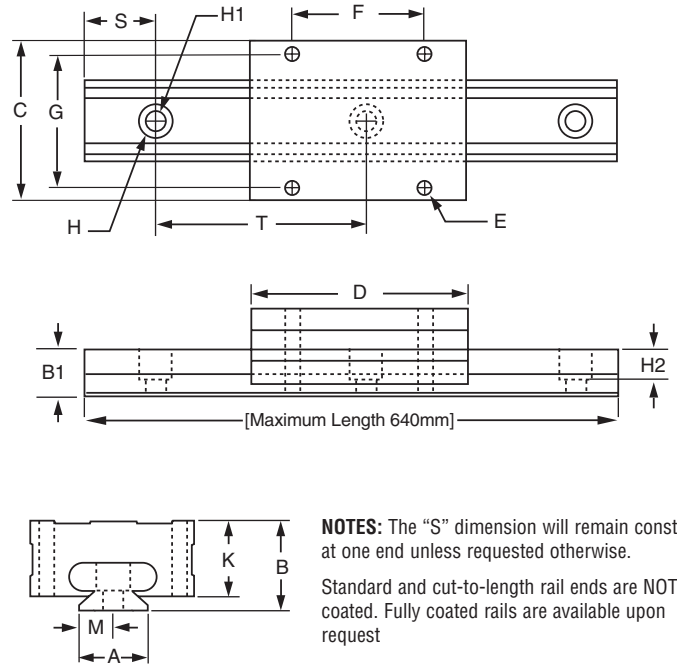


LS SERIES



NOTE: Unless otherwise specified, mounting holes will be centered.

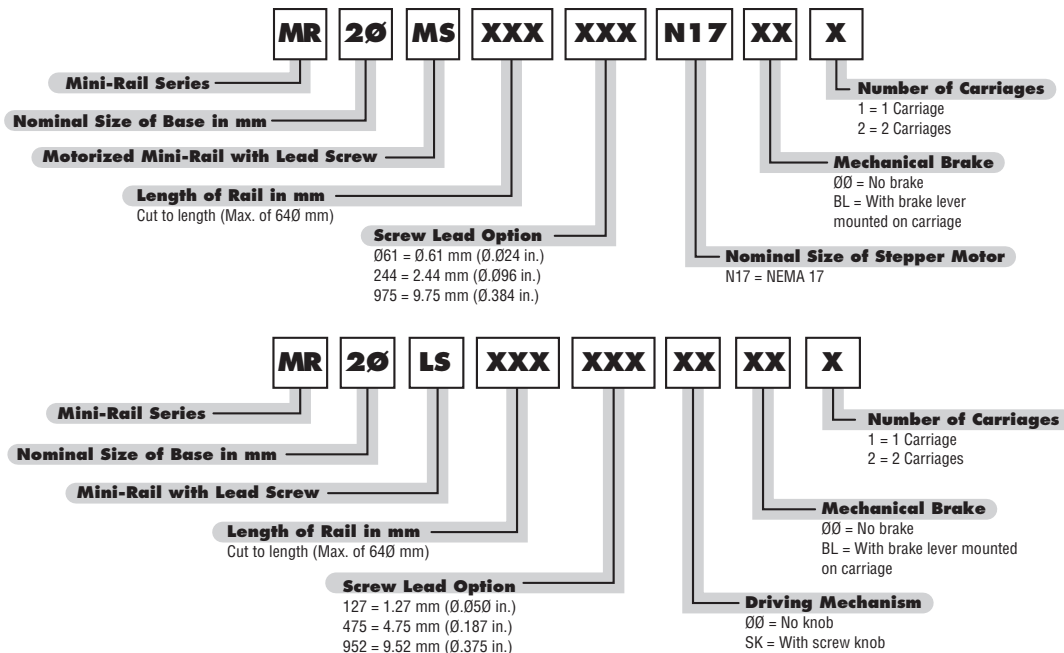
STANDARD CARRIAGE & RAIL DIMENSIONS



NOTES: The "S" dimension will remain constant at one end unless requested otherwise.
Standard and cut-to-length rail ends are NOT coated. Fully coated rails are available upon request

PART NO.	A	B	B1	C	D	E	F	G	H	H1	H2	K	M	S	T	WEIGHT	
	(mm) BASE WIDTH	OVERALL HEIGHT	RAIL HEIGHT	CARRIAGE WIDTH	CARRIAGE LENGTH	CARRIAGE HOLE SIZE	CARRIAGE HOLE CENTER TO CENTER		RAIL HOLE SIZE			CARRIAGE HEIGHT	CENTER MTG. HOLE TO QUALIFY EDGE	RAIL HOLE TO END	RAIL HOLE CENTER TO CENTER	RAIL gram/mm	CARRIAGE gram/mm
MR20-XXX	20	25	13.4	46	62	M4 x 0.7	38	38	9.5	6	8.5	21.2	10	20	60	0.65	127.9

ORDERING INFORMATION



Product information and 2D/3D CAD drawings available for download at www.pbclinear.com
For technical information or to order call 1-800-962-8979

The data and specifications in this publication have been carefully compiled and are believed to be accurate and correct. However, it is the responsibility of the user to determine and ensure the suitability of PBC Linear™ products for a specific application. PBC Linear™ only obligation will be to repair or replace without charge, any defective components if returned promptly. No liability is assumed beyond such replacement. Specifications are subject to change without notice. 7/09