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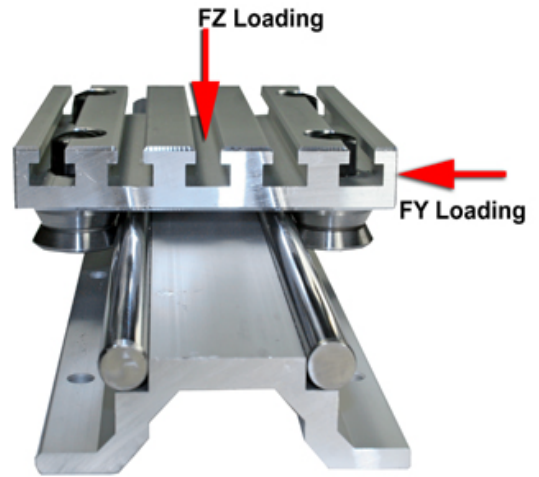
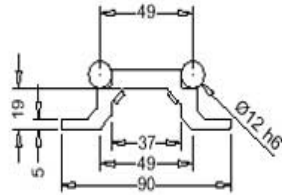
**LM76** is proud to announce the latest member of its SPEED DEMON linear bearing family. The EL300 offers a stable, easy to install rail/roller bearing wheel system which ensures high speed operation, low friction and smooth linear motion.

### FEATURES

- Two guide rails supported uniformly through the length of travel by clear anodized, 90 mm wide aluminum support profile
- The support profile has mounting holes 75 mm apart at 100 mm intervals along the system length. This allows for easy mounting to our Heavy-Duty Extrusion Plates or other mounting surfaces
- Guide rails consist of two precision ground  $\varnothing 12$  mm h6 steel shafts with M5 threaded holes spaced 100 mm apart. The shafts are hardened to RC62 +2
- The two rails are each supported by and attached to the support profiles every 100 mm at 45° to profile, ensuring they are parallel
- The double rail and support profile is sold as a complete assembly in lengths from 400 mm to 3000 mm
- The extra wide rail spacing and base design provide high torsional stability and torque load capacity
- The carriage plate features sealed, dual angular contact roller bearings. One side has eccentric rollers which provide for adjustable running clearance.

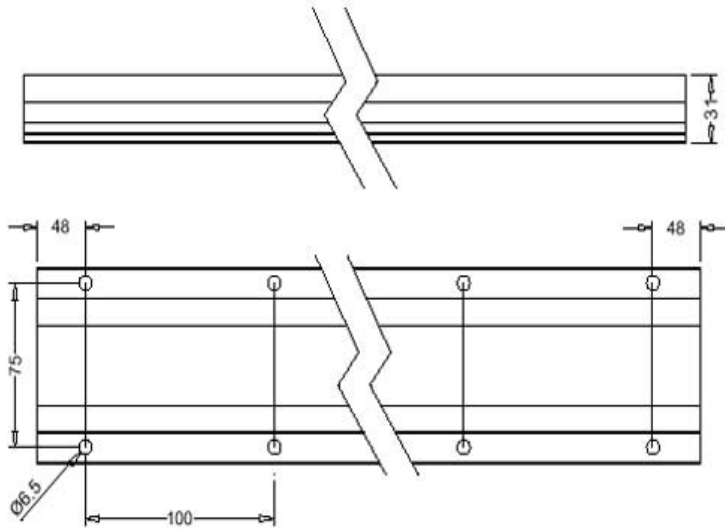


**SPEED DEMON FAMILY: SG, OSG, EL300**



**Maximum Load (N)**

	Fz	Fy
Static	2800	2600
Dynamic	1400	1300



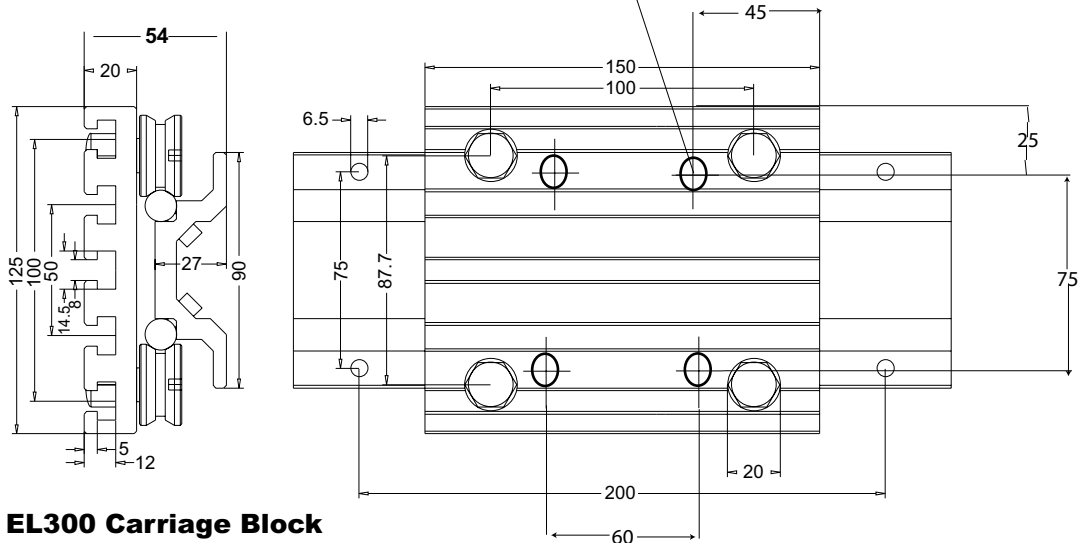
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**1-800-513-3163**  
**Fax: 413-525-3735**  
**www.LM76.com**  
**140 Industrial Drive**  
**E. Longmeadow, Ma. 01028**

**Maximum Moment (N·m)**

	Mx	My	Mz
Static	125	165	82
Dynamic	62	80	40



M6 Tapped Mounting Hole x 1/2" deep x 4 locations



**Note: The EL300 Carriage Block features 4 mounting holes and "T" slots for mounting to carriage plate**