

Series 522 Double Rails*

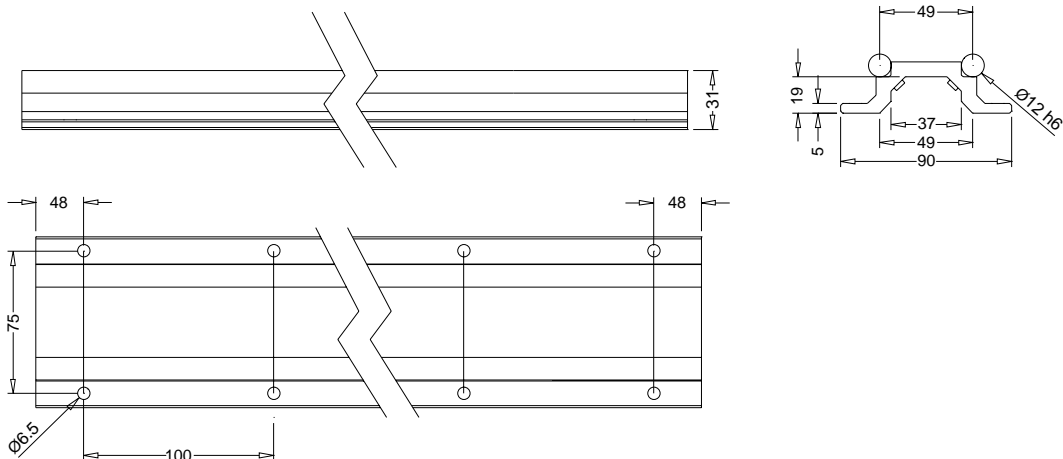
FEATURES

- Two guide rails supported uniformly through the length of travel by clear anodized, 90 mm wide aluminum support profile
- Guide rails consist of two precision ground $\text{Ø}12$ mm h6 steel shafts with M5 threaded holes spaced 100 mm apart. The shafts are hardened to RC62 +2
- The double rail and support profile is sold as a complete assembly in lengths from 400 mm to 3000 mm
- 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
- 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 extra wide rail spacing and base design provide high torsional stability and torque load capacity

* This Linear System is patented.

Length mm	Catalog Number
400	KO6457P5222622
500	KO6457P5222722
600	KO6457P5222822
700	KO6457P5222922
800	KO6457P5222022
900	KO6457P5222122
1000	KO6457P5223222
1100	KO6457P5223322
1200	KO6457P5223422
1300	KO6457P5223522
1400	KO6457P5223622
1500	KO6457P5223722
1800	KO6457P5223022
2000	KO6457P5224222
2500	KO6457P5224722
3000	KO6457P5225222

NOTE: Actual length is 2 mm less than nominal length.



Series 522 Compatible Carriages

Roller Carriage 5*

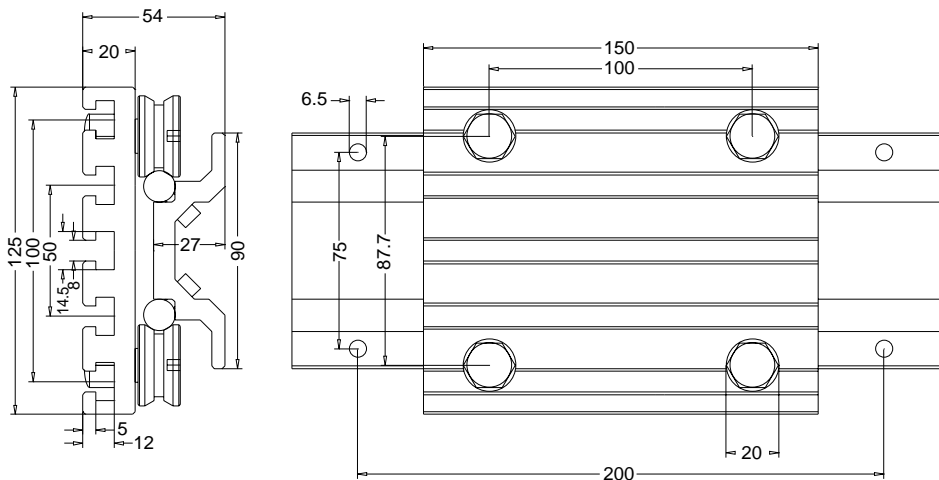
FEATURES

- Consists of flat milled aluminum plate 150 x 125 x 20 mm with five longitudinal "T" slots for M6, DIN 508 T-nuts for easy mounting
- Four precision $\varnothing 31$ mm guide rollers are on each plate. Each roller has two rows of sealed bearings and are lubricated for life
- Maximum linear speeds up to 10 m/sec
- Two of the four guide rollers have eccentric pivots by which the desired preload of carriage can be adjusted
- The preload capability allows for play-free operation
- Rollers are available separately for OEM applications

* This Linear System is patented.



ROLLER CARRIAGE 5: KO68G2P445227



Maximum Load (N)

	F _z	F _y
Static	2800	2600
Dynamic	1400	1300

Maximum Moment (N-m)

	M _x	M _y	M _z
Static	125	165	82
Dynamic	62	80	40