

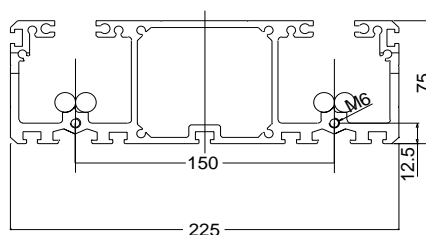
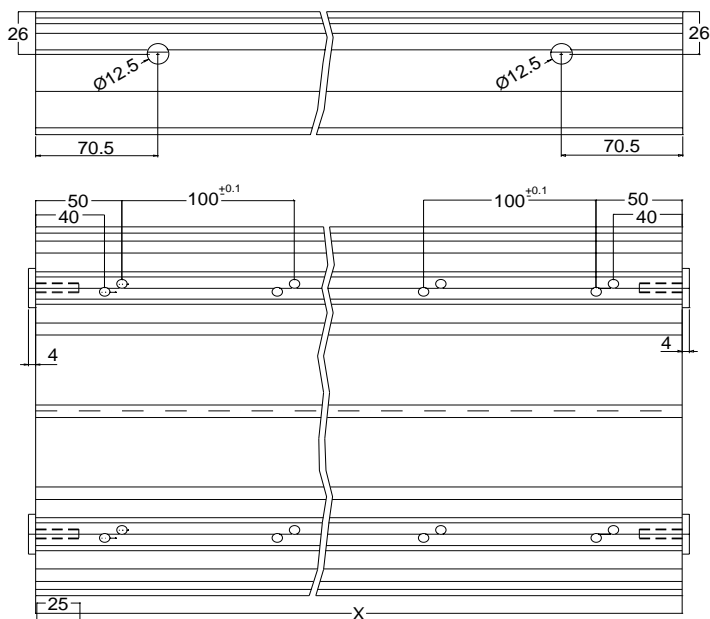


Series 500 Double Rails*

FEATURES

- Offers all the features of the series 200 and Series 400 double rails.
- Two sets of double rails in a completely enclosed one-piece aluminum housing
- Optional bearing carriage 4 extends out of the housing, through plastic seals
- Ideal for custom drive applications with screws, belts, pneumatic cylinders, etc.
- Available in a variety of lengths, maximum recommended speed is 5 m/sec and is straight to within 1 mm /3 m
- With 4 bearing carriages and a mounting plate, this system has extremely high load and torsion capacity.
- Can be used to construct two parallel and independent drives
- Large central core can be used to house and protect motors, wiring and pneumatics in harsh environments.
- This double rail is compatible with Bearing Carriage WS4 and Bearing Carriage 4.

* This *isel* Linear System is patented.



Length cm	Catalog Number	Length cm	Catalog Number
39	HL4235M5100039	119	HL4235M5100119
49	HL4235M5100049	129	HL4235M5100129
59	HL4235M5100059	139	HL4235M5100139
69	HL4235M5100069	149	HL4235M5100149
79	HL4235M5100079	179	HL4235M5100179
89	HL4235M5100089	199	HL4235M5100199
99	HL4235M5100099	249	HL4235M5100249
109	HL4235M5100109	299	HL4235M5100299

NOTE: The indicated length is the nominal length of the extrusion. The rails extend 4 mm beyond the extrusion on both sides.

2 Rails, Carriages And Bearings



Series 500 Compatible Carriages

Bearing Carriage 4*

FEATURES

- Single-piece body construction of ground and hardened steel, where each Bearing Carriage has 4 recirculating ball tracks
- The bearing also has a Ø28 mm H7 precision hole through the body for mounting a ball screw, ball nut, pneumatic cylinder, belt or other drive mechanism
- Comes standard with wipers and 2 lubrication ports
- Ø28 mm diameter hole designed to take 16 mm KM Series Ball Nuts (see page 104), and there are three M6 tapped mounting holes on top of the carriage for mounting a carriage plate
- Compatible with the Series 2 Double Rail, Series 200 Double Rail, Series 400 Double Rail and Series 500 Double Rail system
- Play-free design and large load capacity

* This *isel* Linear System is patented.



BEARING CARRIAGE 4: HL46D0M223007

Maximum Load (N)

	Fz	Fy
Static	800	800
Dynamic	500	500

Maximum Moment (N-m)

	Mx	My	Mz
Static	12.6	22	12.6
Dynamic	7.4	13	7.4

