Series 400 Double Rails*

FEATURES

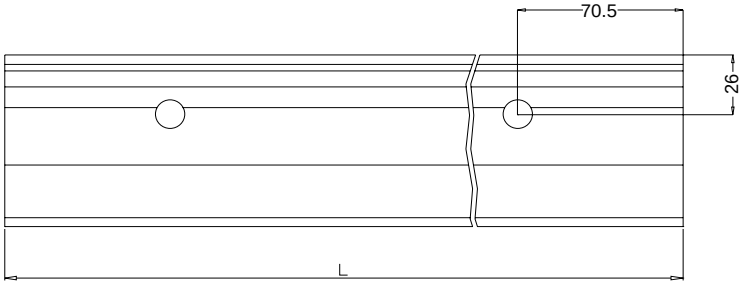
- The Series 400 Double Rail is enclosed in an aluminum housing providing excellent protection
- The profile is sealed (except for the ends) with a one-piece aluminum housing and plastic seals along the top
- Available in a variety of standard lengths
- Ideal for custom drive applications with screws, belts, pneumatic cylinders, etc.
- Can be used with Bearing Carriage WS4 (shown on page 46) or Bearing Carriage 4 (shown on page 51)
- Straight to within 1 mm / 3 m at 20° C

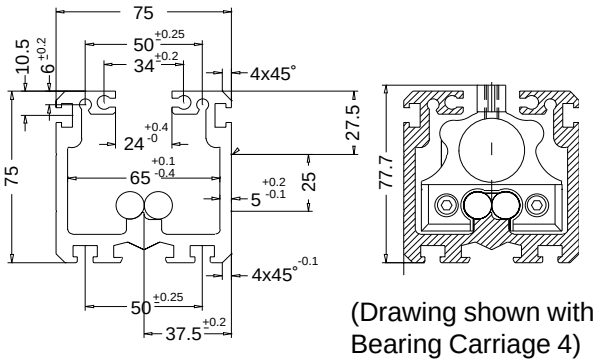
***** This ***isel*** Linear System is patented.

Length cm	Catalog Number
39	**HL4235M4100039**
49	**HL4235M4100049**
59	**HL4235M4100059**
69	**HL4235M4100069**
79	**HL4235M4100079**
89	**HL4235M4100089**
99	**HL4235M4100099**
109	**HL4235M4100109**
119	**HL4235M4100119**
129	**HL4235M4100129**
139	**HL4235M4100139**
149	**HL4235M4100149**
179	**HL4235M4100179**
199	**HL4235M4100199**
249	**HL4235M4100249**
299	**HL4235M4100299**

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

NOTE: Rail System drawing shown without plastic seals for clarity.





(Drawing shown with Bearing Carriage 4)

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