Linear Motion System with Drive Facility / Support Structure

INDIVIDUAL COMPONENTS, OR FULLY-ASSEMBLED AND ADJUSTED SYSTEMS, READY TO INSTALL

BELT DRIVE N CARRIAGE 🗄 GV3 Technical Guide

- Use with Flat Slides, Spacer Slides or Slide Beams in all grades of precision.
- Integral belt tensioners for ease of adjustment.
- Removable mounting platform for ease of customising.
- Tapped holes for convenience of attaching components.
- Available with most Hepco Standard Bearing variants and Lubrication Devices.

TIMING BELT

🗄 GV3 Technical Guide

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- High strength, steel reinforced AT profile open length belt.
- Cut to length, up to 50 m etres.
- Widths to suit Hepco Belt Driven Carriages & Pulleys.

TIMING PULLEY

上 GV3 Technical Guide

- Low backlash profile for high positional accuracy.
- Width to suit Belt Driven Carriages.
- Diameter enables belt return through Slide Beam.

RACK DRIVEN CARRIAGE

- Complete carriage assembly available to include Drive Flange, Pinion and AC Geared Motor, or Gearbox only. Items available separately for use in conjunction with Rack Cut Single Edge Spacer Slides or separate Racks.
- Fine adjustment facility for Pinion assures low backlash.
- Various drive positions and motor orientations available.
- Carriages available with all Standard Bearing types and Lubrication Devices.

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- SEPARATE RACK □ 46 ⊢ As used in Rack-Slide assembly.
- Lengths up to 1.83 metres, longer
- lengths achievable by butting.

RACK-SLIDE ASSEMBLY

- Dowelled Rack-Slide assembly is ready to fix to the mounting surface.
- Slides with compound Racks available up to 4 metres .

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- Unlimited Rack-Slide length achieved by butting.
- Attractive, corrosion inhibiting black finish on unground Slide faces and on Rack.

PINION 47 Please see features 2.

Lightweight version available.

SLIDE BEAM

Counterbored Slide version for belt support.

Strong section, spans wide gaps.

Can be used as a machine

construction member.

- Hollow centre for belt, cable or chain return.
- T-Slots for attaching components.

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 Plastic T-Slot covers, T-Nuts and fixing clamps available.