

LR Series Belt Drive Roller



Versatility

Linear roller products provide a high level of accuracy, load-bearing strength, and flexibility in a modular, low-cost package. These products utilize standard components and can adapt to a wide range of applications.

The foundation of the LR product line is the 40 series of structural profiles that offer numerous mounting configurations. Profiles allowing maximum unsupported spans can be selected, saving valuable space and reducing overall system costs. Standard lengths of 6m with the ability to splice multiple sections.

LR roller bearings are made of 100 Cr6, ground and hardened steel, and provide low friction, long life, high speed, and heavy load capabilities. Bearing units are available as single and double roller types.

Specifications/Benefits

- Carriage loads to 2597 lbs.
- Custom carriage options
- Speeds up to 5m/sec
- Stoke lengths over 6m. also available.
- Instant motor gearbox approval



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California locations

3946 East Brundage Lane
Bakersfield, CA 93307
661.324.2260
661.324.9124 fax

2901 N. Ontario Street
Burbank, CA 91504
818.238.9273
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1121 Bay Boulevard, Suite C
Chula Vista, CA 91911
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619.424.9918 fax

2325 Auto Park Way
Escondido, CA 92029
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West Coast Fluid Power
2370 South Watt Avenue, Suite C
Sacramento, CA 95826
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911 North Poinsettia Street
Santa Ana, CA 92701
714.541.2244
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11947 Florence Avenue, Suite 5
Santa Fe Springs, CA 90670
562.921.0713
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IPS Design Center

950 El Sobrante Road
Corona, CA 92879
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951.735.2106 fax

Arizona location

403 W. Broadway Rd
Tempe, AZ 85282
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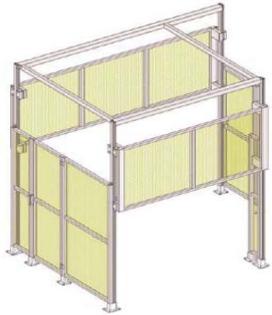
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Enclosures...Sleek & Clean

Solutions for complex systems

With our PSD software package, using your specifications and dimensions we can create a 3-D model of the final product. This model can be submitted as a print or sent to you electronically in a wide array of CAD packages. Once approved, your design is fabricated, assembled, shipped, and is ready to install.



Enclosure applications

- Clean room processes
- Sound enclosures
- Temperature-control environments
- Safety guarding



Smooth face profiles

IPS offers smooth face profiles ideal for designing and fabricating protective clean room environments and equipment. The smooth profiles of our anodized aluminum enclosures not only prevent any dust or grime build-up, they also add to the sleek design of the entire enclosure.

Attractive design with quick assembly

These profiles, available in a clear anodized finish, never need painting or heavy maintenance. Best of all, they provide a simple method of construction and assembly.

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Modular Systems

Functionality

Our innovative, high-strength aluminum profile systems offer clean advantages over traditional steel fabricatin.

- Short turnaround from design to completion
- Reduce lead times
- Easier to modify
- No welding, grinding, painting, or cleaning
- Cost effective



DESIGN IT



A multitude of applications

Our guarding and safety enclosures are used for a wide array of applications.

- Workstations
- Test stands and fixtures
- Enclosures
- Material handling
- Machine frames
- Gantry systems
- Safety guarding



System and Assembly Solutions

Solutions for complex systems

Modular components provide an economical and flexible alternative to welded steel or pre-fabricated products.



Variety of industries

- Machinery
- Packaging
- Pharmaceutical
- Cosmetics
- Robotics
- Automation
- Bottling
- Electronics

Enclosure applications

- Welding distortion is eliminated
- Corrosion resistant
- Reduction in delivery lead time
- Modifications can be made through all stages of the project
- Integrating motion, control, structural streamlines, engineering and supply chain channels
- Fast, accurate 3-D drawings

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