

Power Review

The Power Brands in Power Transmission

Altra Industrial Motion

Vol. 4 | No. 1 | 2015

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Altra New Market Portals

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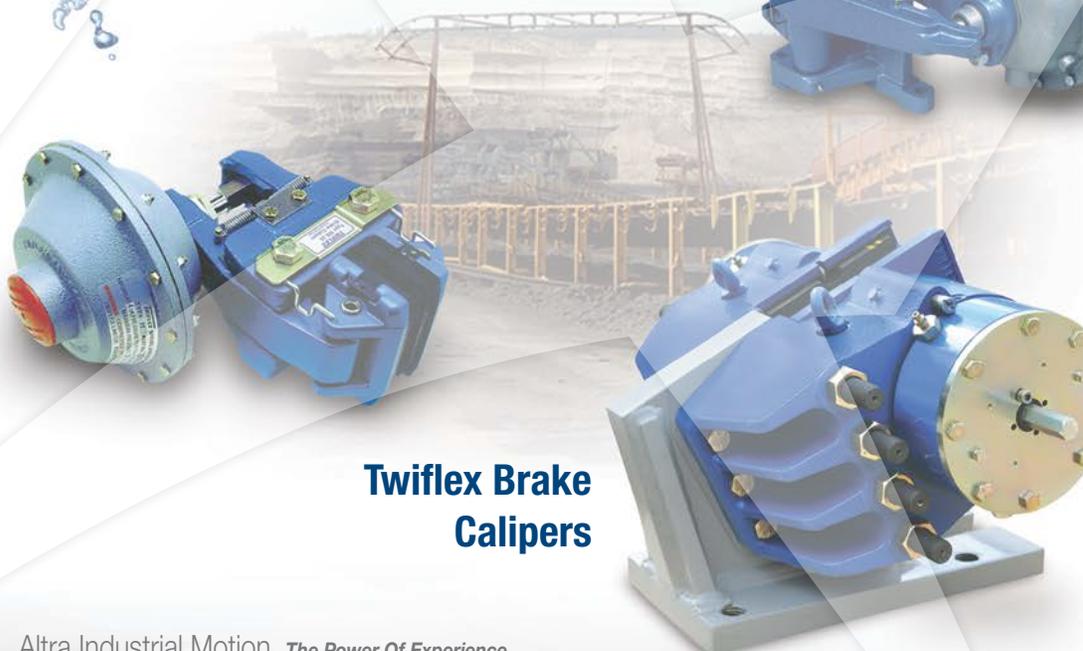
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Warner Linear Actuators



Twiflex Brake Calipers

Altra Industrial Motion *The Power Of Experience*

Ameridrives Couplings
Ameridrives Power
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Bauer Gear Motor
Bibby Turboflex
Boston Gear

Delroyd Worm Gear
Formsprag Clutch
Guardian Couplings
Huco Dynatork
Industrial Clutch
Inertia Dynamics

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Marland Clutch
Matrix International
Nuttall Gear
Stieber Clutch

Svendborg Brakes
TB Wood's
Twiflex Limited
Warner Electric
Warner Linear
Wichita Clutch

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Forestry



Medical & Mobility



Motion Control



Off-Highway /
Construction



Specialty Vehicles



Transportation

Formsprag / Stieber CSK One Way Bearing Clutches

Unique sprag design provides a better way to achieve a higher size for size torque rating.

Design Features

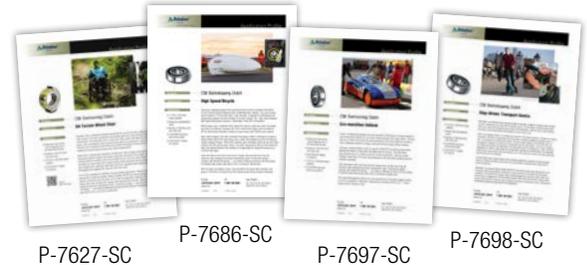
- Four different mounting designs
- Wide bore range of 8 to 40 mm
- Self-contained, compact ball bearing design
- 2RS, lip-sealed design
- No maintenance, grease lubricated for life
- High speed range from 0-15,000 RPM
- Longer wearing life with Formchromed Sprags
- 27 different designs in stock
- Operating temperature range: 21 to 140°F (-6 to 60°C). Special grease available for operating temperatures: -40 to 212°F (-40 to 100°C).
- Outside dimensions same as 6200 Bearing Series

For more information download
P-1352-FC from www.AltraLiterature.com



Check out these interesting Application Profiles about CSKs:

- Me-Mover
- All-Terrain Wheel Chair
- High Speed Bicycle
- Eco-marathon Vehicle



Make a Splash with IP69K Rating

B-Track K2 – DC Actuators & Actuator Mounted Controls S-Track Actuators, I-Track Actuators, M-Track Actuators

Select Warner Linear actuators and controls receive the highest protection rating available, IP69K, making them ideal for applications in the Food Processing, Pharmaceutical, Medical Equipment, Marine, Construction Equipment, Agriculture & Outdoor Industries.

What does IP69K rating mean?

- Ingress Protection at 176° F/80° C (1450 psi/100 bars)
- Ingress Protection of solid foreign objects (including dust)
- Tested according to DIN 40505 Part 9 Standard

For more information download
P-7693-WL from www.AltraLiterature.com



QT Power Chain® II Outperforms & Outlasts

TB Wood's QT Power Chain II synchronous belt drive system is the optimal choice for high performance and life cycle value in a wide variety of high-torque drive applications. When compared to standard roller chain, this powerful belt drive system provides important performance advantages and significantly reduces overall costs for end-users.

QT Power Chain II Advantages:

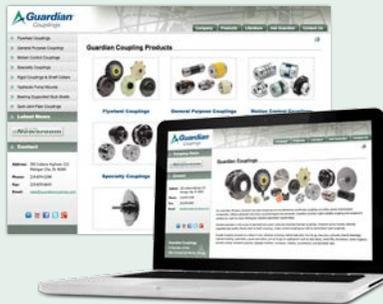
- Belts outlast roller chain 3-to-1
- Sprockets outlast roller chain sprockets 10-to-1 or more
- Maintenance free system with minimal or no downtime
- No lubrication, expensive oil baths or retensioning
- Accurate and precise - no chain stop



For more information download
P-1949-TBW & P-7038-TBW
from www.AltraLiterature.com



Guardian Couplings Releases New Website and Literature



For more information visit
www.GuardianCouplings.com



Brochures



P-7714-GC



P-7715-GC



P-7716-GC



P-7717-GC



P-7718-GC



P-7719-GC

Download Guardian literature and Application Profiles from www.AltraLiterature.com

Twiflex USA Brake Calipers

Twiflex offers the largest range of industrial disc brake calipers in the world. Spring applied units may be retracted pneumatically, hydraulically or electrically (depending on caliper design) while most direct acting brakes have some form of positive retraction device.

Pneumatically Applied Brakes are best suited for light to medium stopping duties and for tensioning applications where a high degree of control is required.

Hydraulically Applied Brakes address higher torque requirements, while spring applied calipers are essential where braking must be maintained in the event of supply system failure

Mechanically Applied Units are suitable for light tensioning duties or where no external power is available; they may also be specified when designers wish to use their own means of actuation.

For more information download
P-1648-TF from www.AltraLiterature.com



Call Twiflex
Toll-Free: 844.723.3483



Ameriflex Couplings are API-671 Compliant

The unique diaphragm design of Ameriflex Couplings permits high-torque density and low weight. Multiple, separated, convoluted diaphragms in a pack, provide a built-in, fail-safe feature while allowing the greatest design flexibility for the most demanding applications. Units are API-671 compliant. Designed for years of dependable, low-maintenance performance, diaphragms are shot-peened for improved fatigue strength and stress corrosion resistance.

For more information
download P-1821-AC from
www.AltraLiterature.com



Boston Gear Series 2000

Series 2000 Inline Helical Gear Drives & Gear Motors are loaded with unique performance and convenience features to meet a wide variety of application requirements.

We asked OEMs, end-users and distributors what mattered most when it came to gear motor design. Their responses helped guide the development of the new Series 2000 Gear Motor product line.

Series 2000 Advantages

- Altra's Competitive Displacement Product Offering
- Enhanced Performance and Design Flexibility
- Fast and Easy Installation
- Low Maintenance

Visit www.helical2000.com or
download P-7414-BG & P-7419-BG
from www.AltraLiterature.com



Upcoming North American Shows

2015 Shows

SME 2015	Englewood, CO	February 15-18
Energy Construction Forum	Galveston, TX	March 3-4
Gas Compressor Association (GCA)	Galveston, TX	April 20-21
ISRI	Vancouver, Canada	April 22-24
Coal Prep 2015	Lexington, KY	April 27-30
OTC 2015	Houston, TX	May 4-7
AISTech 2015	Cleveland, OH	May 4-7
CIM 2015	Montreal, Canada	May 10-12
AWEA WindPower	Orlando, FL	May 18-21
GPS 2015	Calgary, AB, Canada	June 9-11
Turbomachinery	Houston, TX	September 14-17
Process Expo 2015	Chicago, IL	September 15-18



SME 2015

Feb. 15-18 | Englewood, CO

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Featured News Stories



Warner Electric – SF-1250 Clutch for Mobile Aircraft Air Conditioning Unit

A major manufacturer of ground support equipment used at airports around the world needed an electric clutch for one of their mobile air conditioning units (ACUs) which provide heating and cooling in cabins of parked aircraft.



Huco Dynatork – Acetal Air Motor/Speed Reducer for Pouch Filling Machine

A major manufacturer of precision filling equipment needed a reliable air motor/speed reducer for use on a new machine. The filling machine features a series of rotary valve pumps that control the flow of stir fry and other sauces during the pouch filling operation.



Bauer Gear Motor – Staying Ahead of the Motor Efficiency Standards

From January 1, 2015 the latest efficiency regulations for electric motors come into force in Europe whereby any new installation using a motor between 7.5 kW and 375 kW must use either an IE3 rated motor or an IE2 motor installed with a variable frequency drive (VFD).