



Flywheel Drive Couplings

THE POWER OF BRANDS, DRIVING YOUR WORLD

Guardian Guard-Flex®

Nominal Torque: 2,625 in-lbs

The Guard-Flex is a torsionally soft, vibration dampening coupling with an in shear design that will offer protection to both our engine and driven equipment when higher inertias are present.

Applications:

- Rotary Screw Compressors
- Centrifugal Pumps
- Blowers



Guardian FL

Nominal Torque: 2,100-13,700 in-lbs

The FL is a two-piece flywheel coupling used on off-highway construction equipment and many other mobile hydraulic applications.

Applications:

- Skid Steer Loaders
- Aerial Lifts
- Excavators

Complementary Product:

Guardian Pump Plates & Engine Housings



Stromag Periflex® PS

Nominal Torque: 1,050-17,400 in-lbs

Plug-in, highly flexible coupling ideal for diesel engine drives. Torsionally flexible with varying stiffness available.

Applications:

- Centrifugal /Dewatering Pumps
- Compressors
- Diesel Gensets



LOW TORQUE



Guardian NV Series

Nominal Torque: 875 in-lbs

The NV Series flexible coupling line is for use on diesel-driven and hydrostatic machinery to provide maximum vibration dampening from a torsionally soft coupling.

Applications:

- Off Highway Mobile Hydraulics
- Generators
- Lawn & Garden



Guardian Delta Series

Nominal Torque: 1,100-6,100 in-lbs

The DELTA Series flexible coupling line is designed for use on diesel-driven hydrostatic machinery and construction equipment for demanding applications on the latest tier engines.

Applications:

- Harvesters
- Forestry Equipment
- Forklifts
- Sweepers

Complementary Product:

Guardian Pump Plates & Engine Housings



Guardian FBA

Nominal Torque: 2,000-16,000 in-lbs

The FBA coupling is a one piece, all steel drive coupling intended to be used with spline shafts only in hydraulic pump applications.

Applications:

- Forklifts
- Ditchers
- Concrete Pumps
- Sweepers

Complementary Product:

Guardian Pump Plates & Engine Housings



THE POWER OF BRANDS, DRIVING YOUR WORLD

Stromag Periflex® CS

Nominal Torque: 4,250-130,900 in-lbs

Cardan shaft couplings for absorbing vibrations and reactive forces from the cardan shaft in construction machinery, tip trucks, rail and boat drives.

Applications:

- Construction Machinery
- Tip Trucks
- Rail And Boat Drives

Complementary Product:

Ameridrives Americardan
5000 & 3000
Series U-Joints



Stromag Periflex® VN

Nominal Torque: 1,450-557,500 in-lbs

Plug-in, highly flexible disc couplings for IC engines, torsionally flexible with linear characteristic curve, ideal for diesel engine drives.

Applications:

- Gensets
- Compressors
- Engine and Shipbuilding

Stromag GE

Nominal Torque: 17,700-2,389,700 in-lbs

Robust rubber-fabric couplings for large power transfers in diesel engine drives; progressive characteristic curve.

Applications:

- Pumps
- Cement Mills
- Diesel and Gas Gensets

HIGH TORQUE



Guardian FH

Nominal Torque: 2,500-88,500 in-lbs

The FH is a coupling with progressive characteristics where the dynamic torsional stiffness is enhanced with increasing coupling load. This type of coupling gives a distinct advantage in installations where a wide speed range is required, and where the torque increases with speed.

Applications:

- Compressor
- Centrifugal Pumps
- Blowers



Stromag Vector

Nominal Torque: 58,500-199,100 in-lbs

The Stromag Vector® coupling is a compact, robust and backlash-free coupling for both stiff and resiliently mounted engines.

Applications:

- E-Drives
- Rail / Locomotives
- Pumps & Compressors



Stromag TRI/TRI-R

Nominal Torque: 10,175-1,106,300 in-lbs

Highly flexible ring coupling for resiliently mounted systems, torsionally soft with linear characteristic curve, good displacement properties Generator drives, main and auxiliary marine drives.

Applications:

- Generator systems
- Marine Main & Auxiliary Drives
- Fire Pumps

Guardian Couplings Facilities

North America

300 Indiana Highway 212
Michigan City, IN 46360
219-874-5248
Fax: 219-879-6643

Engineered Flywheel Couplings, Engine Housings and Pump Mounts, Flexible Shaft Couplings

Europe

Merchant Drive, Hertford
Hertfordshire SG13 7BL - England
+44(0)1992 501900
Fax: +44 (0)1992 509890

Engineered Flywheel Couplings, Engine Housings and Pump Mounts, Flexible Shaft Couplings

Stromag Facilities

Europe

Germany

Hansastraße 120
59425 Unna - Germany
+49 (0) 23 03 102 0

Clutches & Brakes, Couplings, Geared Cam Limit Switches, Discs, Wind Brakes

Dessauer Str. 10
06844 Dessau-Roßlau - Germany
+49 (0) 340 2190 0

Electromagnetic Clutches & Brakes

France

Avenue de l'Europe
18150 La Guerche sur L'Aubois - France
+33 (0)2 48 80 72 72

Industrial Caliper & Drum Brakes

Great Britain

11 Fleming Close
Park Farm Industrial Estate
Wellingborough NN8 6UF
+44 (0)1933 675494

Electromagnetic Clutches & Brakes, Industrial Caliper Brakes

North America

USA

31 Industrial Park Road
New Hartford, CT 06057 - USA
860-238-4783

Electromagnetic Clutches & Brakes

300 Indiana Highway 212
Michigan City, IN 46360 - USA
219-874-5248

Couplings

2800 Fisher Rd.
Wichita Falls, TX
940-723-3400

Geared Cam Limit Switches, Industrial Caliper & Drum Brakes

Asia Pacific

China

T40B -5, No. 1765 Chuan Qiao Road
Pudong 201206, Shanghai - China
Tel +86 21-60580600

Clutches & Brakes, Electromagnetic Clutches & Brakes, Couplings, Industrial Caliper & Drum Brakes, Discs, Geared Cam Limit Switches, Wind Brakes

India

Gat No.: 448/14, Shinde Vasti, Nighoje
Tal Khed, Pune- 410 501
+91 2135 622100

Clutches & Brakes, Electromagnetic Clutches & Brakes, Couplings, Industrial Caliper & Drum Brakes, Discs, Geared Cam Limit Switches, Wind Brakes

The Brands of Altra Industrial Motion

Couplings

Ameridrives
www.ameridrives.com

Bibby Turboflex
www.bibbyturboflex.com

Guardian Couplings
www.guardiancouplings.com

Huco
www.huco.com

Lamiflex Couplings
www.lamiflexcouplings.com

Stromag
www.stromag.com

TB Wood's
www.tbwoods.com

Geared Cam Limit Switches

Stromag
www.stromag.com

Electric Clutches & Brakes

Inertia Dynamics
www.idicb.com

Matrix
www.matrix-international.com

Stromag
www.stromag.com

Warner Electric
www.warnerelectric.com

Linear Products

Warner Linear
www.warnerlinear.com

Engineered Bearing Assemblies

Kilian
www.kilianbearings.com

Heavy Duty Clutches & Brakes

Industrial Clutch
www.indclutch.com

Twiflex
www.twiflex.com

Stromag
www.stromag.com

Svendborg Brakes
www.svendborg-brakes.com

Wichita Clutch
www.wichitaclutch.com

Belted Drives

TB Wood's
www.tbwoods.com

Gearing

Bauer Gear Motor
www.bauergears.com

Boston Gear
www.bostongear.com

Delroyd Worm Gear
www.delroyd.com

Nuttall Gear
www.nuttallgear.com

Overrunning Clutches

Formsprag Clutch
www.formsprag.com

Marland Clutch
www.marland.com

Stieber Clutch
www.stieberclutch.com



www.guardiancouplings.com



www.stromag.com

P-8395-C 8/17