

JAURE®



METALS DRIVES

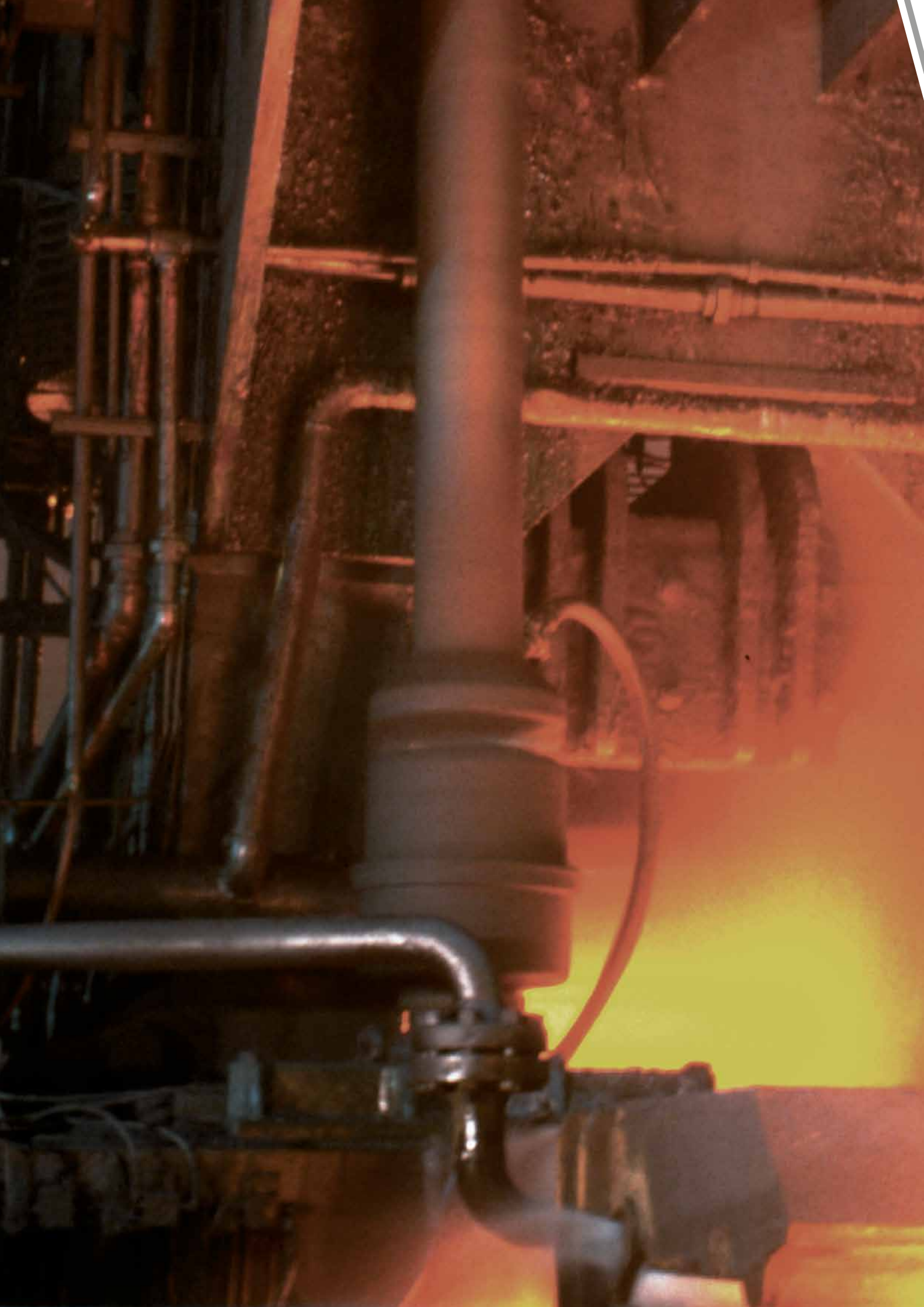
REGAL®





MOVING YOUR BUSINESS FORWARD.

For over 50 years, we have been on the move as a leading supplier of couplings. Jaure® couplings provide tailored solutions that bring innovation to your applications.



FOR ALL THE STAGES OF STEEL PRODUCTION, WE SUPPLY A SUITABLE JAURE® COUPLING TO DRIVE YOUR EQUIPMENT.

MT	Compact gear coupling for most metals applications.
AL	Gear spindle for rolling mills.
BARFLEX®	Barrel coupling for cranes and hoisting applications.
MAX-C®	Non lubricated high torque capacity resilient coupling.
LAMIDISC®	Non lubricated torsionally stiff disc pack coupling.

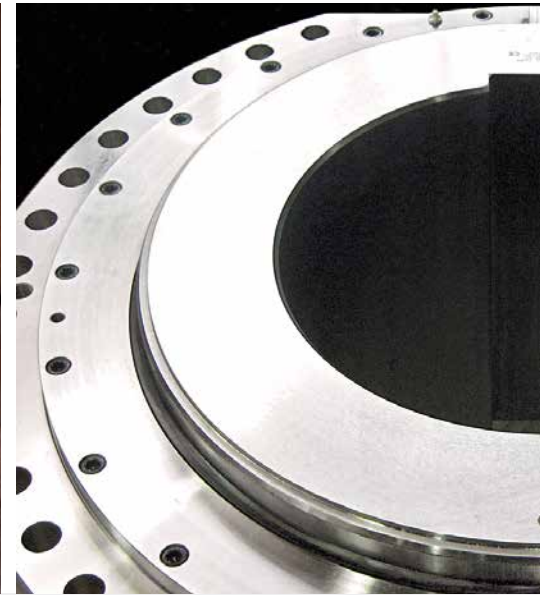
With more than 100 years of combined experience in the metal industry, Jaure and Kop-Flex® products provide innovative solutions in the steel, aluminium and copper industries.

Our supply program covers gear/elastic couplings and spindles for steel production, hot and cold rolling mills, processing lines, finishing lines for both new plants and modernization of old ones.

Jaure and Kop-Flex couplings incorporate the latest proven technology and know-how provided by a team of highly trained and experienced engineers, ensuring that all of our solutions are tailored to customer requirements.

Close proximity to the industry allows us to build long-term partnerships with our customers, thus improving our standards of technology and service.

CRANES

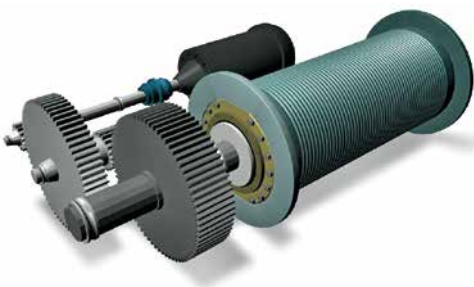


JAURE® BARREL AND GEAR COUPLING

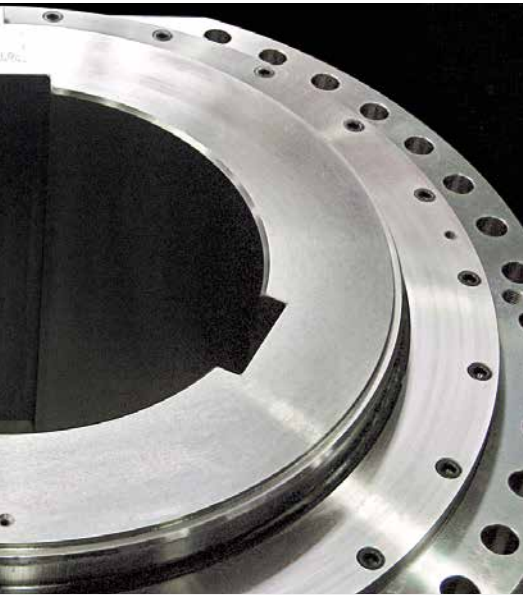
BARFLEX®TCBR barrel couplings for hoisting and MTFS gear coupling with brake disc.

Cranes and hoisting equipment are widely used in all stages of metals production, from general purpose cranes to the most demanding ladle cranes.

Jaure gear, barrel, elastic and disc pack couplings have been used in a variety of demanding crane applications for many years.



CASTING



JAURE® GEAR COUPLING
MTG gear coupling design.

Continuous casting has evolved from batch processing into a sophisticated process, where mechanical design plays an important role.

Engineered to order, Jaure and Kop-Flex® product designs perform successfully in the most demanding casting applications.



HOT ROLLING MILLS

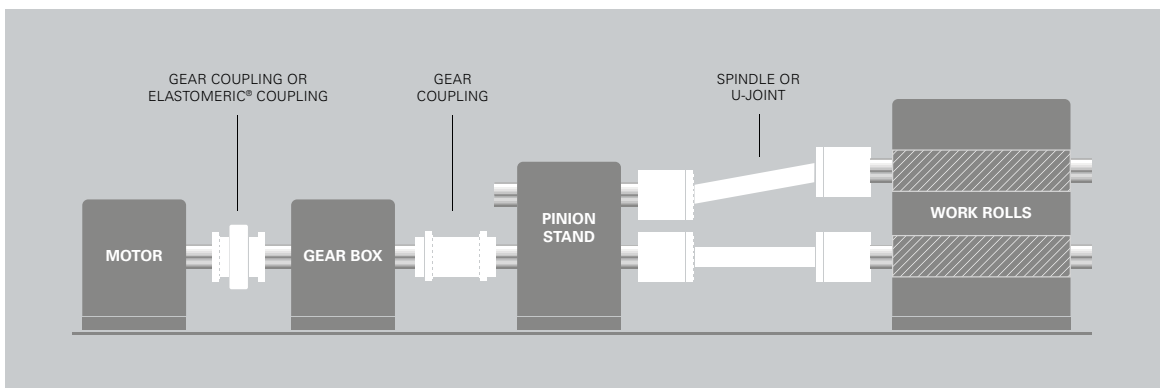


JAURE® GEAR COUPLING

MTGX with spacer and MTBR shear pin design.

The Jaure product portfolio for HRM applications meets high mill requirements for profitability, productivity and product quality.

Custom-made gear coupling and spindle solutions meet the individual needs of all types of hot, steckel, plate mills and long product rolling mills (bar, wire, billet, beams, tubes, etc.) worldwide.





GEAR SPINDLE AND ELASTOMERIC® COUPLING

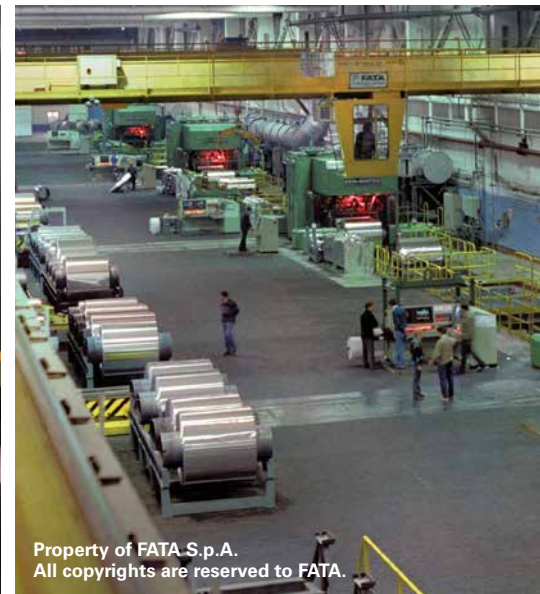
ALSOIL continuous oil lubricated spindle and MAX-C® resilient coupling.

Our commitment to innovation and customer satisfaction fuels our R&D and engineering departments.

We continually strive to develop improved material treatments, processes and safety features.



COLD ROLLING MILLS



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GEAR COUPLING AND GEAR SPINDLE

MTBR shear pin design and AL nitrided gear spindle.



Mill flexibility has to match the growing variety of products, while high mill productivity (throughput and yield) is a key issue to remain competitive in the global economy. Mechanical drives are key factors in metal quality and mill throughput.





GEAR COUPLING

MTES disengaging design.

We produce high torsional stiffness reliable drives for cold rolling mills.

The product range includes gear, elastic couplings and spindles for cold tandem mills, reversing cold mills and temper mills.



PROCESSING AND FINISHING LINES



Property of SMS Siemag AG.



JAURE® GEAR COUPLING

MT coupling with or without side covers
and MTFS coupling with brake disc.

The move to higher value-added products in recent years requires steel processing lines to operate at high speed and with high precision.

We supply couplings and spindles that help meet the demanding requirements for material quality and shape.



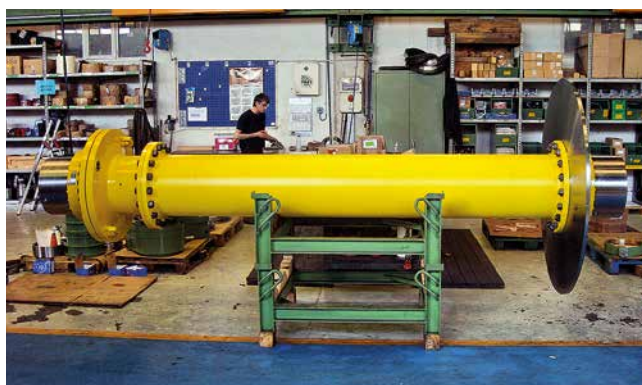


GEAR COUPLING AND ELASTOMERIC® COUPLING

MTGX coupling with spacer and MAX-C® resilient coupling.

Jaure® couplings are used in many types of processing lines including pickling, annealing, hot dip galvanizing and colour coating lines.

Finishing lines, such as slitting, cut to length and tension leveling, are common Jaure product applications.



SERVICE



**POWERLIGN®
TORQUE MONITORING SYSTEM**

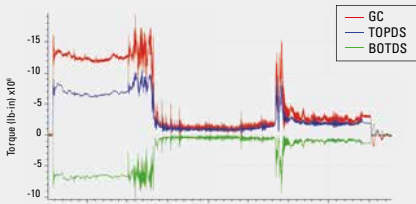
To reach desired low operating costs and avoid unscheduled shutdowns, proper drive maintenance is key.

Gear spindles and main drive gear couplings can be repaired for much less than the cost of new ones, and proper maintenance extends the life time of the equipment.

We have an experienced and skilled service team ready to share its knowledge both of design and performance of mill drives.

Our experts in spindle or gear coupling design, construction and operation can share their expertise for achieving the best results.





**TORQUE
MONITORING**

We are ready to offer a cost effective gear spindle or gear coupling repair program tailored to your specific needs.

You will also get expert assistance in designing a predictive and preventive maintenance program.

Our support services for commissioning or problem solving and analysis are available worldwide upon request.



JAURE[®] MANUFACTURING PROGRAM



PRODUCT BRAND NAME	MT	LAMIDISC [®]	LAMILINK	BARFLEX [®]	AL-S / AL-SD / ALD	IXILFLEX [®]
TYPE & DESCRIPTION	Gear	Disc pack	Metallic Link	Barrel (drum type)	Gear spindles	Elastic Link
INDUSTRY APPLICATION						
Metals & Heavy duty	•	•	•	•	•	
Minerals & Mills	•	•	•	•		
Crane & Hoisting	•	•	•	•		
Pulp & Paper	•	•	•			•
Petrochemical / Oil & Gas	•	•	•			
Cooling Towers		•	•			
Machine Tools		•	•			
Marine	•	•	•	•		•
Wind Turbines		•	•			•
Test Benches	•	•	•			•
Railway	•	•	•			•

COUPLINGS

						
COMPOLINK®	JAUFLEX®	RECORD	JCFS	JHC / JHC-HF	JFTL TORQUE LIMITER	JS NUT
Composite Link	Elastic	Grid / spring type	Composite Shafts	Hydraulic fit (shaft couplings)	Torque Limiter	Tensioner
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KOP-FLEX® & JAURE® COUPLINGS MANUFACTURING PROGRAM



PRODUCT BRAND NAME	MAX-C® COUPLING	HIGH PERFORMANCE PROGRAM			KOP-FLEX® COUPLING GREASE	SERVICE
TYPE & DESCRIPTION	HEAVY DUTY ELASTIC COUPLING	GEAR	DISC	DIAPHRAGM	GEAR COUPLING / SPINDLE GREASE	REPAIR & MAINTENANCE PROGRAM
INDUSTRY APPLICATION						
Metals & Heavy duty	•				•	•
Minerals & Mills	•				•	•
Crane & Hoisting	•				•	•
Pulp & Paper					•	•
Petrochemical / Oil & Gas	•	•	•	•	•	•
Cooling Towers					•	•
Machine Tools					•	•
Marine	•	•	•	•	•	•
Wind Turbines	•				•	•
Test Benches	•	•	•	•	•	•
Railway	•	•			•	•

GLOBAL PRESENCE

MANUFACTURING FACILITIES & ENGINEERING CENTERS



JAURE® & KOP-FLEX® engineered couplings are designed, manufactured, sold and serviced worldwide, with service provided from specification right through to installation.

A dedicated global sales and service team assists you to find the best choice and manage all your coupling needs.

Facilities around the globe are state of the art, with access to a large and experienced engineering staff focused on providing solutions for our customers' requirements.



Zizurkil, Spain



Pune, India



Nove Mesto, Slovakia



Zhangzhou, China



Baltimore, Maryland - USA



Florence, Kentucky - USA



Apocadaca, México

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APPLICATION CONSIDERATIONS

The proper selection and application of power transmission products and components, including the related area of product safety, is the responsibility of the customer. Operating and performance requirements and potential associated issues will vary appreciably depending upon the use and application of such products and components. The scope of the technical and application information included in this publication is necessarily limited. Unusual operating environments and conditions, lubrication requirements, loading supports, and other factors can materially affect the application and operating results of the products and components and the customer should carefully review its requirements. Any technical advice or review furnished by Regal Beloit America, Inc. and/or its affiliates ("Regal") with respect to the use of products and components is given in good faith and without charge, and Regal assumes no obligation or liability for the advice given, or results obtained, all such advice and review being given and accepted at customer's risk.

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