

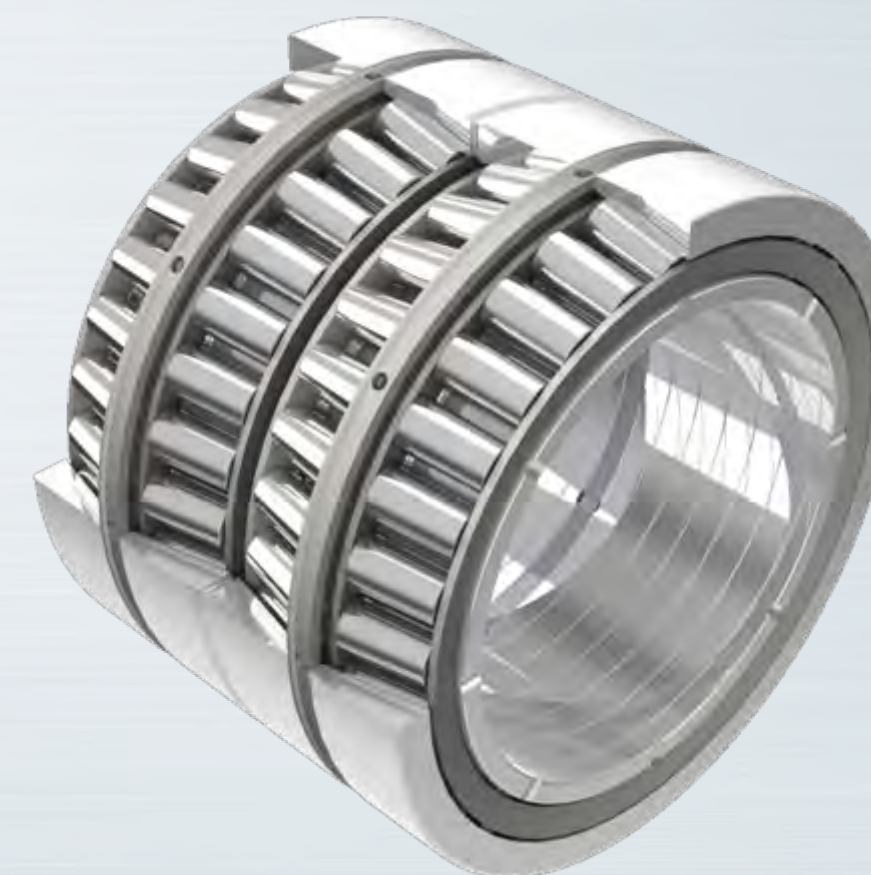
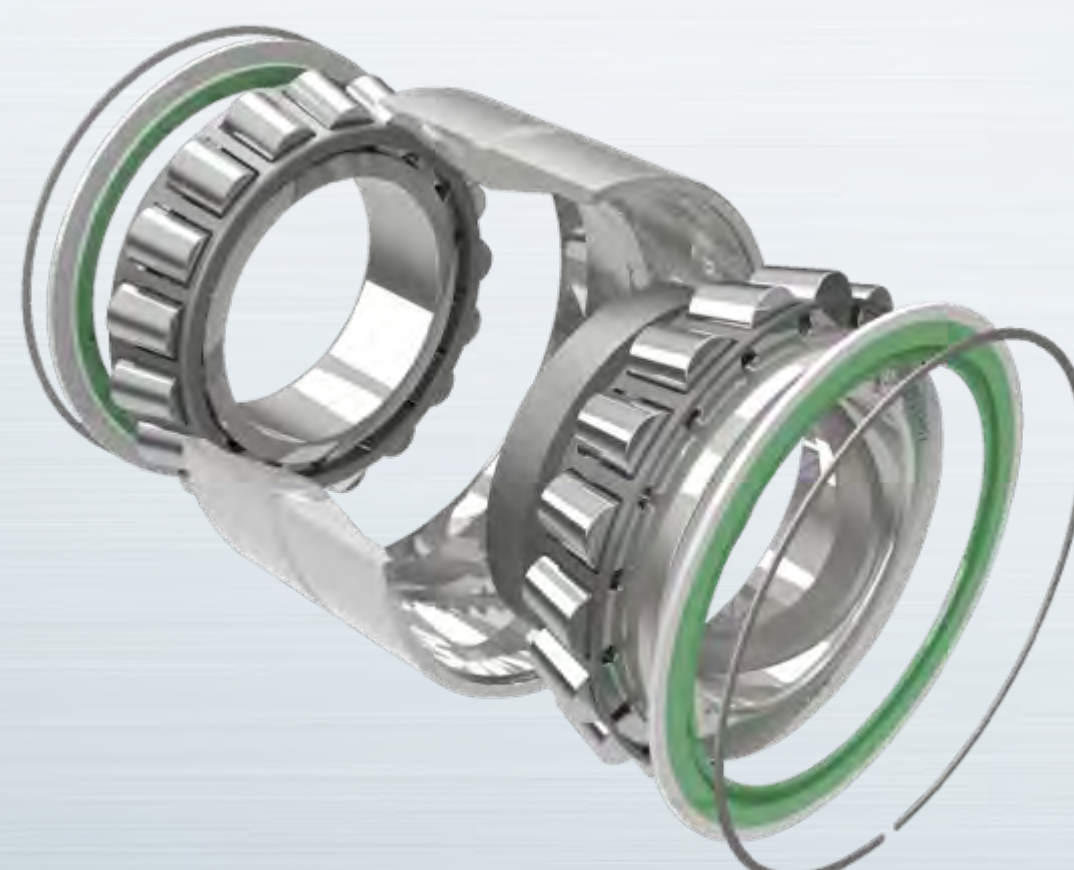


ACEB

ATLANTIC CUSTOM BEARINGS

*Argentina - Bolivia - Brazil - Canada - Chile - China - Colombia - Costa Rica -
Dominican Republic Ecuador - El Salvador - Guatemala - Hungary - Italy - Mexico -
Peru - Spain - USA - Venezuela*







ACB.USA Bearing Brand is an ABS Company
Proprietary trademark Reg. Patent No. 3,492,185.

Int. Cl.: 7

Prior U.S Cls.: 13, 19, 21, 23, 31, 34 and 35

United States Patent and Trademark Office

Reg. No. 3,492,185

Registered Aug. 26, 2008

ACB

ATLANTIC CUSTOM BEARING

ATLANTIC BEARING SERVICES LLC (FLORIDA CORPORATION)
8208 NW 30TH TR.
MIAMI, FL 33122

FOR: MACHINE PARTS, NAMELY, BEARINGS; MACHINE PARTS, NAMELY, BEARING HOUSINGS; MACHINE PARTS, NAMELY, ROLLER BEARINGS; MACHINE PARTS, NAMELY, BEARINGS AND BUSHINGS, IN CLASS 7 (U.S. CLS. 13, 19, 21, 23, 31, 34 AND 35).

FIRST USE 6-1-2007; IN COMMERCE 6-1-2007.

THE MARK CONSISTS OF STANDARD CHARACTERS WITHOUT CLAIM TO ANY PARTICULAR FONT, STYLE, SIZE, OR COLOR.

NO CLAIM IS MADE TO THE EXCLUSIVE RIGHT TO USE "USA", APART FROM THE MARK AS SHOWN.

SER. NO. 77-379,902, FILED 1-24-2008.

JOHN WILKE, EXAMINING ATTORNEY



CERTIFICATE OF REGISTRATION PRINCIPAL REGISTER

The Mark shown in this certificate has been registered in the United States Patent and Trademark Office to the Name of the registrant.

Int. Cl.: 7

Prior U.S Cls.: 13, 19, 21, 23, 31, 34 and 35

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John Wilke

Attorney-in-Charge of the United States Patent and Trademark Office

ISO
9001
certified



ISO
13485
certified



Memberships and Certifications



American Society of Mechanical Engineers

ASME's mission is to serve diverse global communities by advancing, disseminating and applying engineering knowledge for improving the quality of life; and communicating the excitement of engineering.



American Bearing Manufacturers Association

ABMA's mission is to provide leadership, advocacy and education with a Focus on membership value, industry outreach and issues impacting the global bearing industry.



American Gear Manufacturers Association

AGMA is the global network for technical standards, education, and business information for manufacturers, suppliers, and users of mechanical power transmission components.



Power Transmission Distributors Association

PTDA provides distributor and manufacturer members efficient, high-quality networking opportunities and best-in-class programs which enable member companies to more effectively compete in an ever-changing marketplace.



American Wind Energy Association

AWEA mission is to promote wind power growth through advocacy, communication and education as wind energy works for America's economy, environment and energy security.



System Certification ISO 9001:2000



High quality bearing steel

Internal Bearing design

Quality control / full trazability

Special Crown profile Rollers and race ways

Bainitically hardened inner and outer ring or case hardened bearing steels.

Surface finish and form optimized rollers, races and ribs.

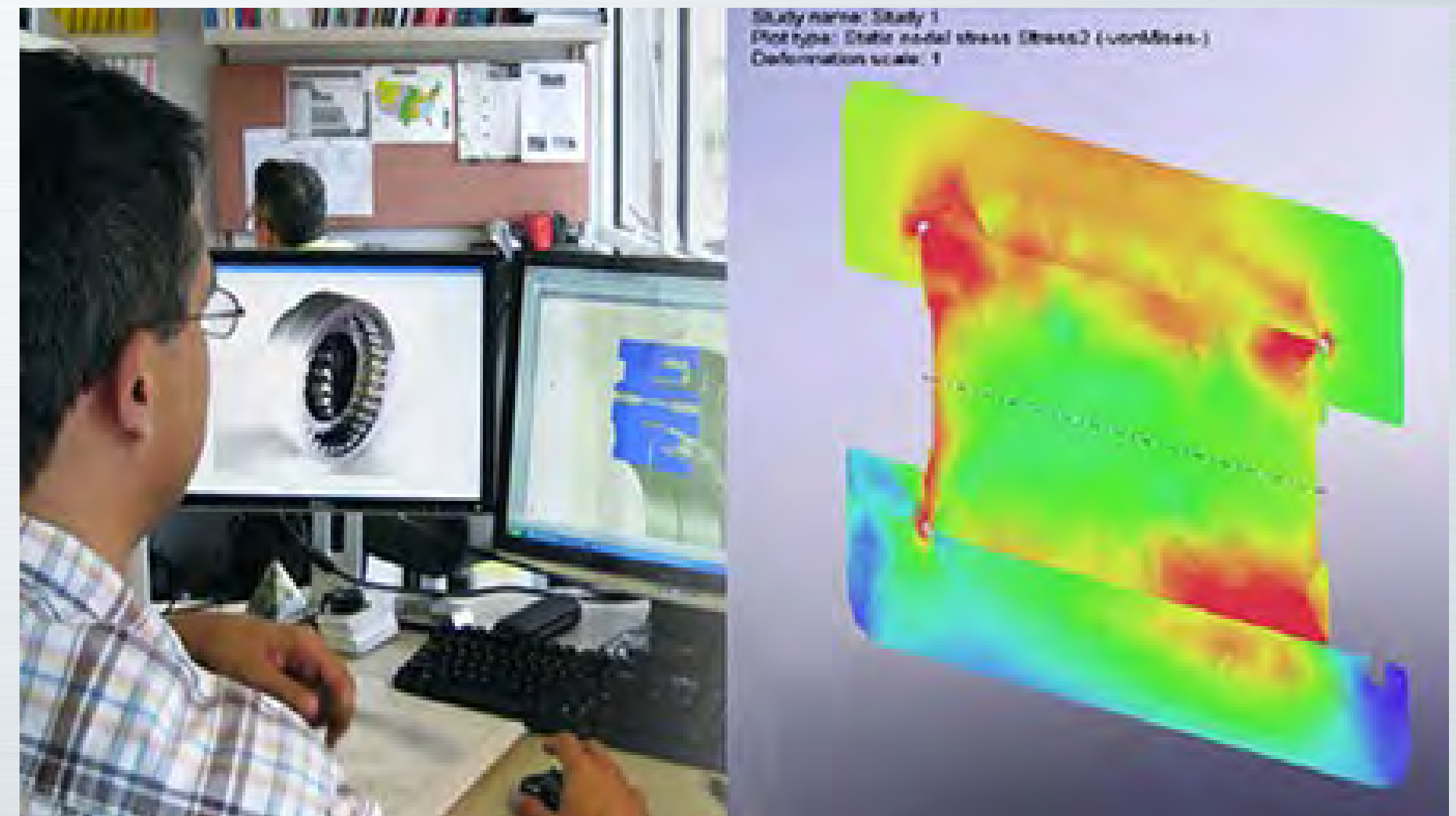
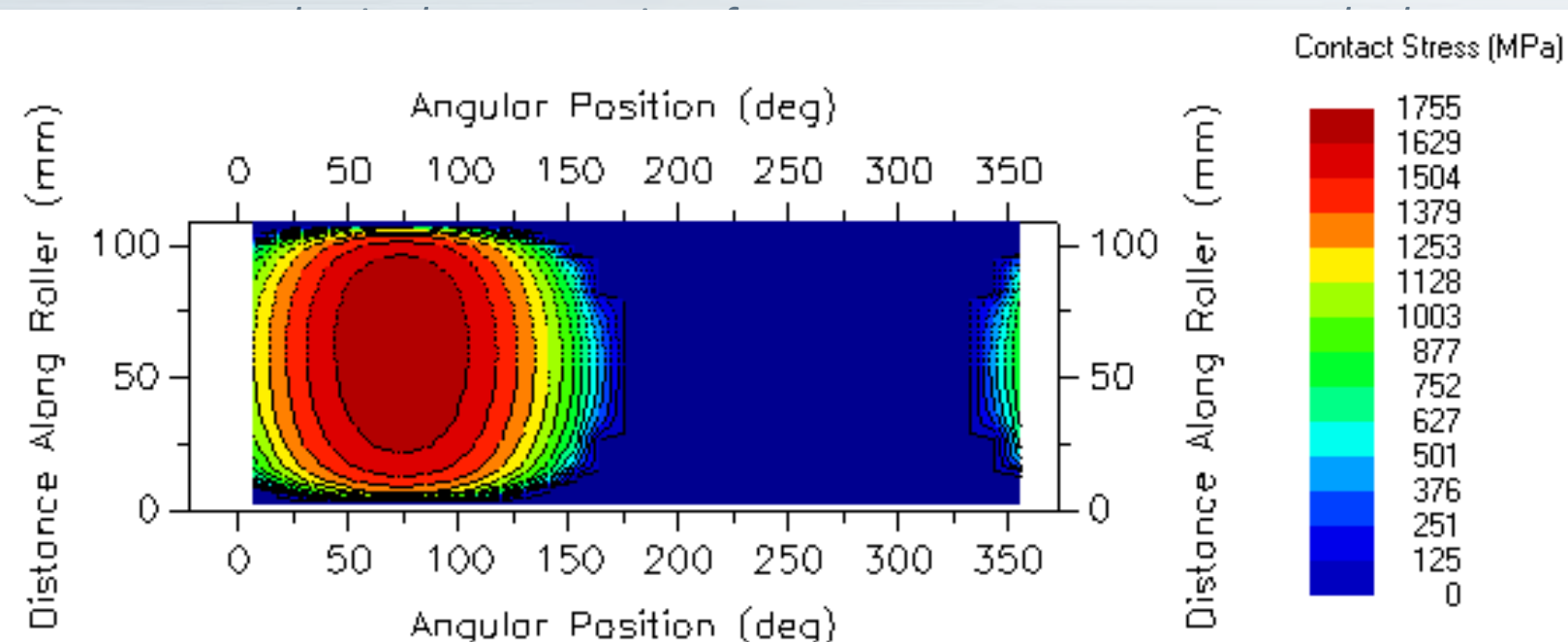
Personalitation capabilities in real time

Special engineering coatings Surface treatment in roller and races.

Real working conditions simulations using the most advance softwares in the market

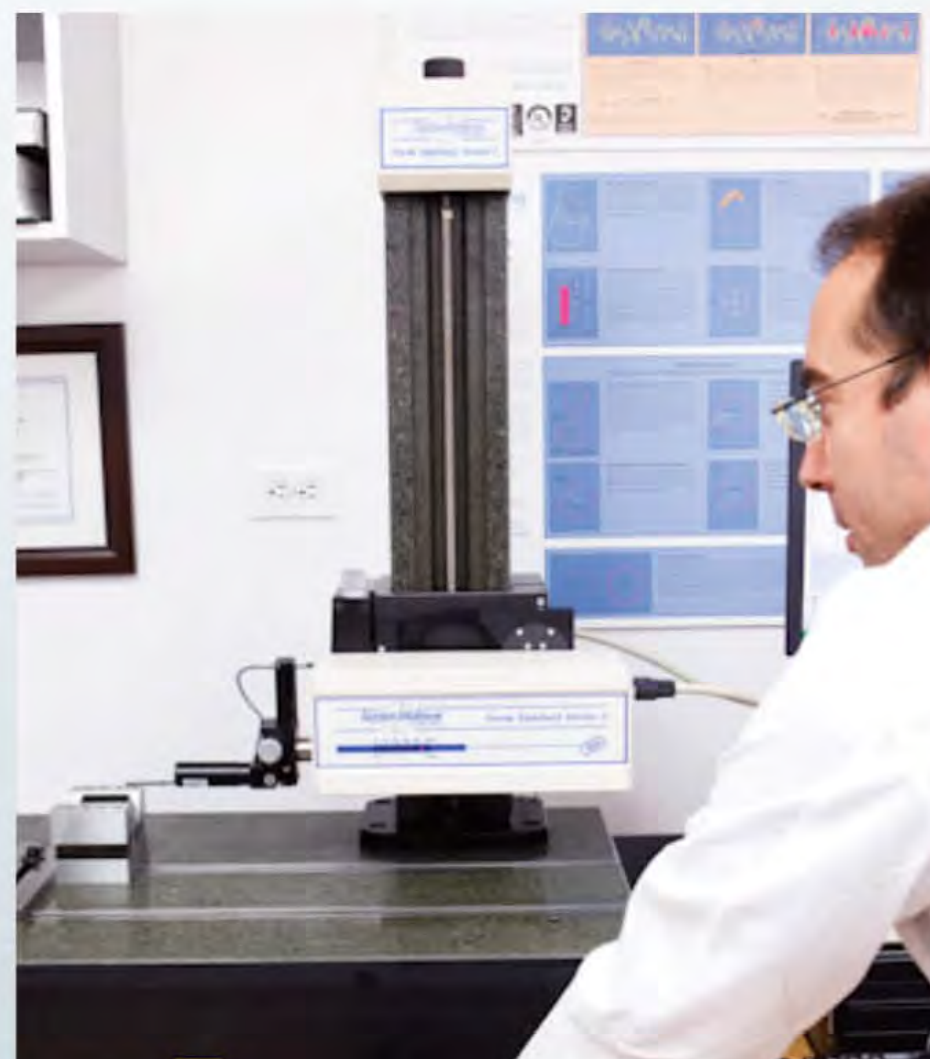
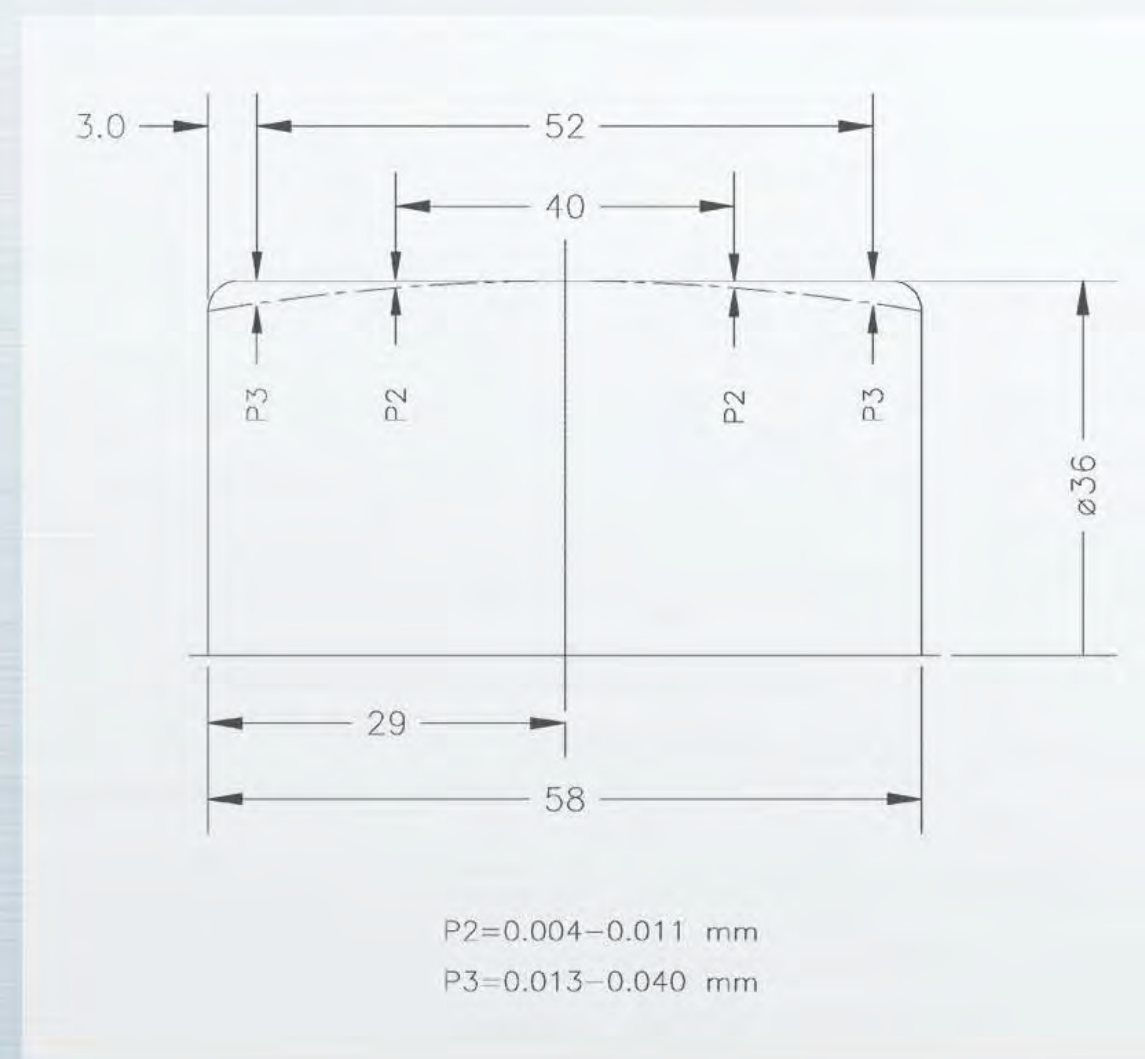
State of art design, careful manufacturing process and quality control practices, allows us to manufacture customized bearing with the highest quality of the market. All key processes, from bearing design to raw material selection, forging, heat treatment, grinding up and assembly operation. The complete quality control process undergoes a thorough inspection, where 100% of parts are inspected during and after manufacturing process. Additionally we inspect at random in our main QC Lab before final shipment to the customer.

Our engineers use the most advanced software to completely design custom bearings. This process is optimized by including the use of the well known Finite Element analysis (FEM) to meet and exceed each specific application's working condition needs. A team based relationship is established with the application user in order to obtain the maximum information about the actual bearing working condition. This imperative information is then considered to run a realistic simulation for further analysis. According to the simulation analysis results, component design may be modified if

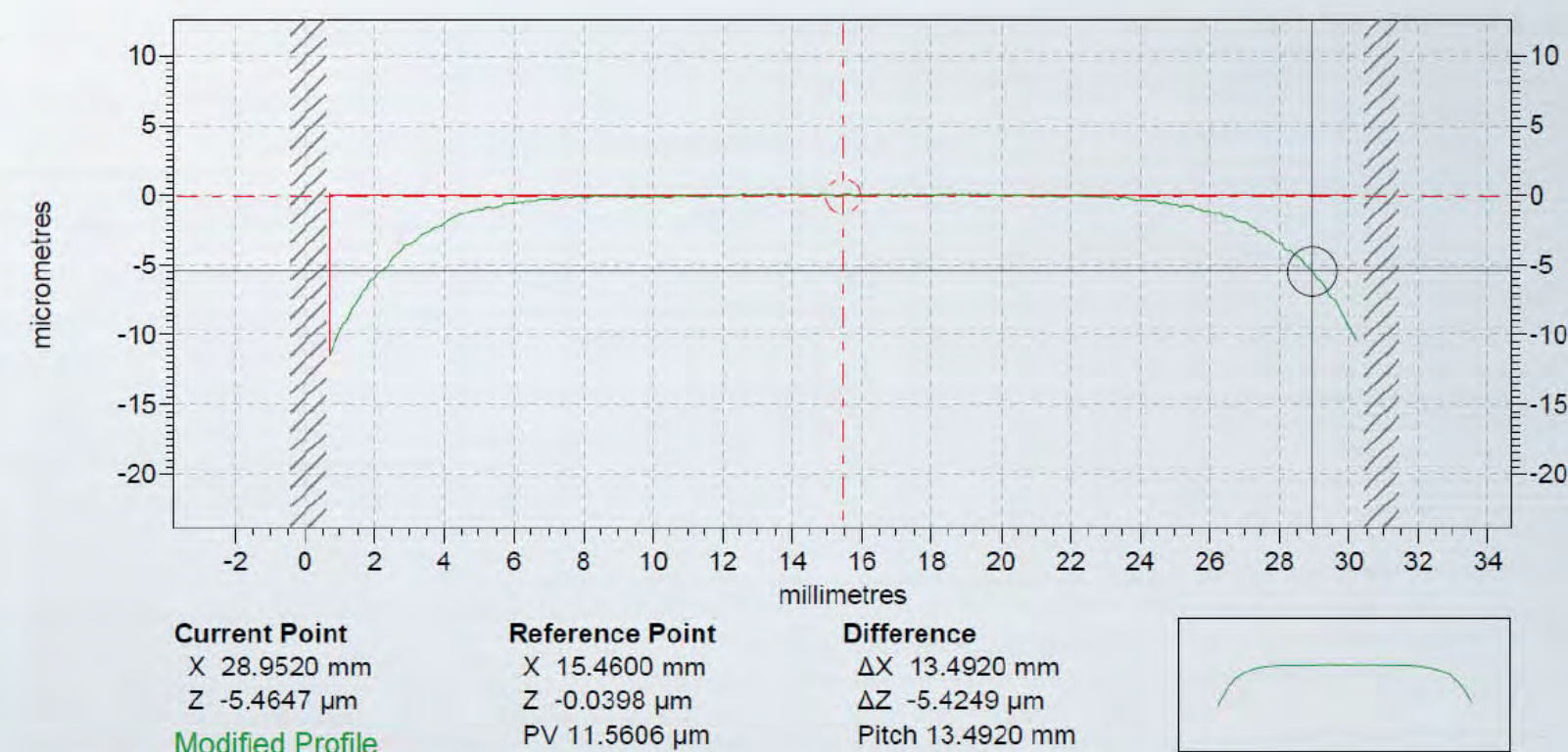


Assembled bearings as well components are submitted to a rigorous quality control process, where the specified manufacturing requirements for every feature is inspected taking the ISO 9001:2000 standard as reference. The most advanced equipment is used during this extensive quality control process. With a precision range from 0.01 to 0.0001 mm, equipment, would detect any macro or micro deviation.

Quality control results are analyzed and compared with the application's actual requirements to consider the products as "approved". No single detail is left out in this key process, closing the design and manufacturing cycle followed by an aftermarket support service.

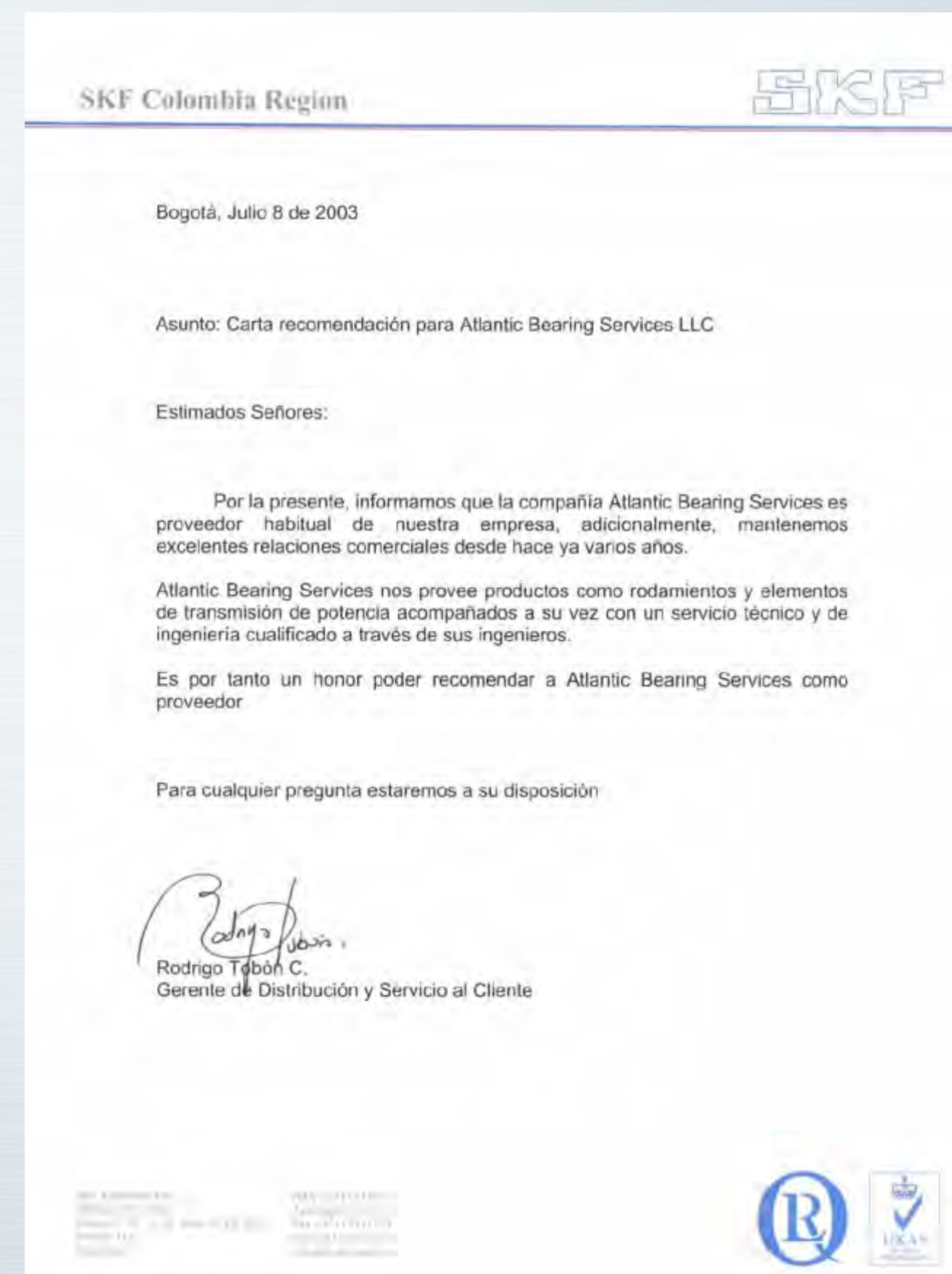


✓ Roller Actual Raceway Profile









SKF del Perú S.A.



Lima, julio 10, 2003

A QUIEN CONCIERNA

Asunto: Carta recomendación para Atlantic Bearing Services LLC

Estimados señores:

Por la presente carta informamos que la compañía Atlantic Bearing Services es proveedor habitual de nuestra empresa con la cual mantenemos excelentes relaciones comerciales desde hace ya varios años.

Atlantic Bearing Services nos provee productos como rodamientos y elementos de transmisión de potencia, complementados a su vez con un servicio técnico y de ingeniería cualificado a través de sus ingenieros.

Por lo arriba indicado, nos complace poder recomendar a Atlantic Bearing Services como proveedor.

Muy atentamente,

SKF del Perú S.A.


Oscar Montas de Oca
Gerente de Logística



GE Healthcare
Molecular Imaging

Hernan Lara
General Manager, TRACERcenter
PET Radiopharmacy Integrated Solutions

7600 Corporate Drive
Suite 501
Miami, FL 33126
USA

Visiting Address: www.gehealthcare.com/tracercenter

T +1-305-979-3009
Hernan.lara@ge.com

IQ Medical Services
8208 NW 30th Terrace
Miami, FL 33122
USA

March 8, 2010

SUBJECT: Recommendation Letter IQ Medical Services/Atlantic Bearing Services

Dear Sirs,

With this letter I would like to inform you that GE Healthcare, PET Radiopharmacy division (GEHC) has been doing business with IQ Medical Services (IQMS) and Atlantic Bearing Services (ABS) since January 2007.

Throughout the past 3 years, IQMS and ABS has shown extraordinary discipline to GEHC through their excellent engineering services as well as their expertise in supply chain management, which has been a key component to the success of our GEHC business as the leader in the market of PET Radiopharmacies.

Our experience with IQMS and ABS's engineering staff has been very positive throughout these years and we find them highly trained and open to new challenges. IQMS and ABS has also shown great professionalism following their ISO9001 certified procedures in their internal operations, which is a critical component to comply with GEHC policies

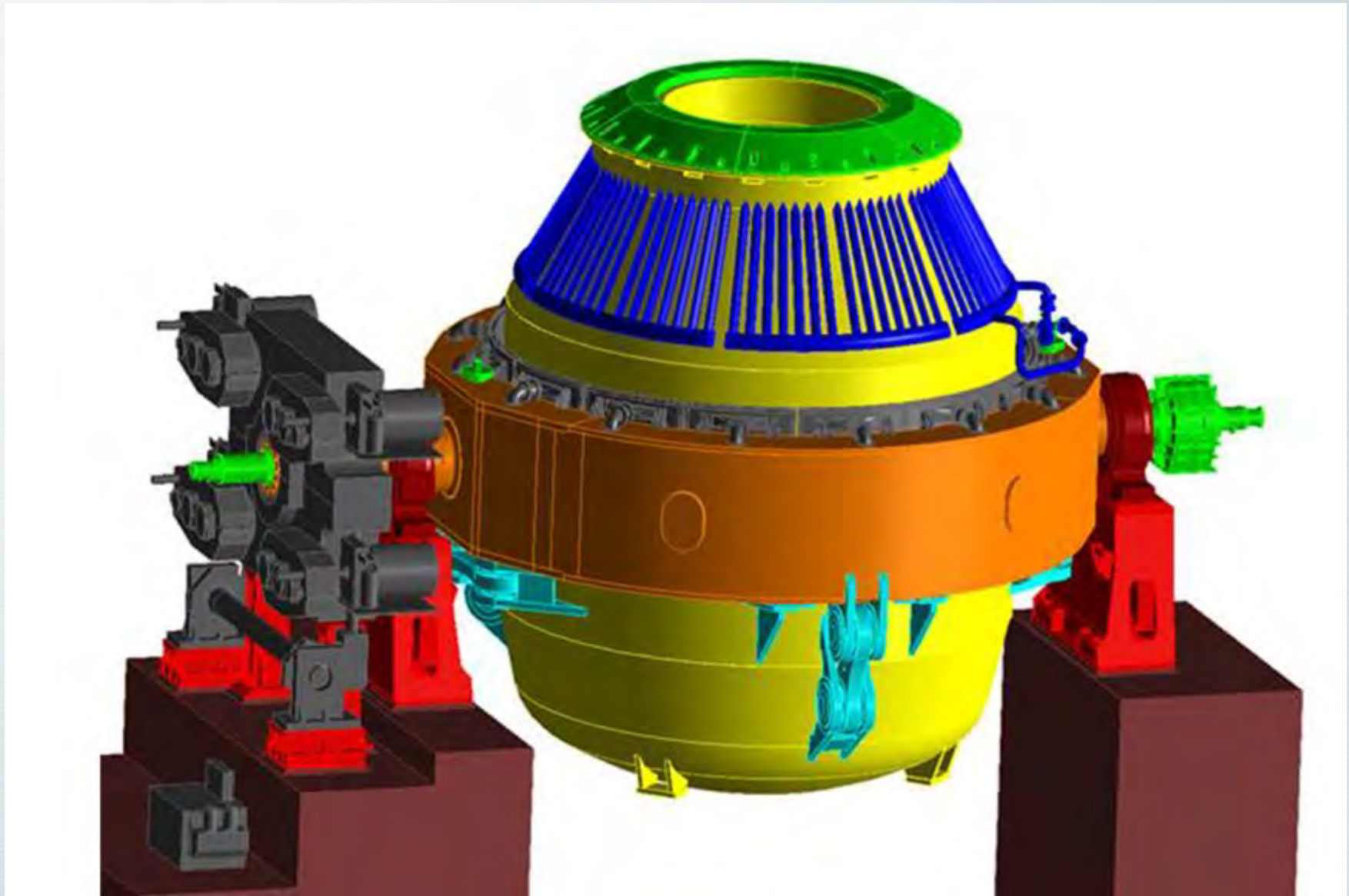
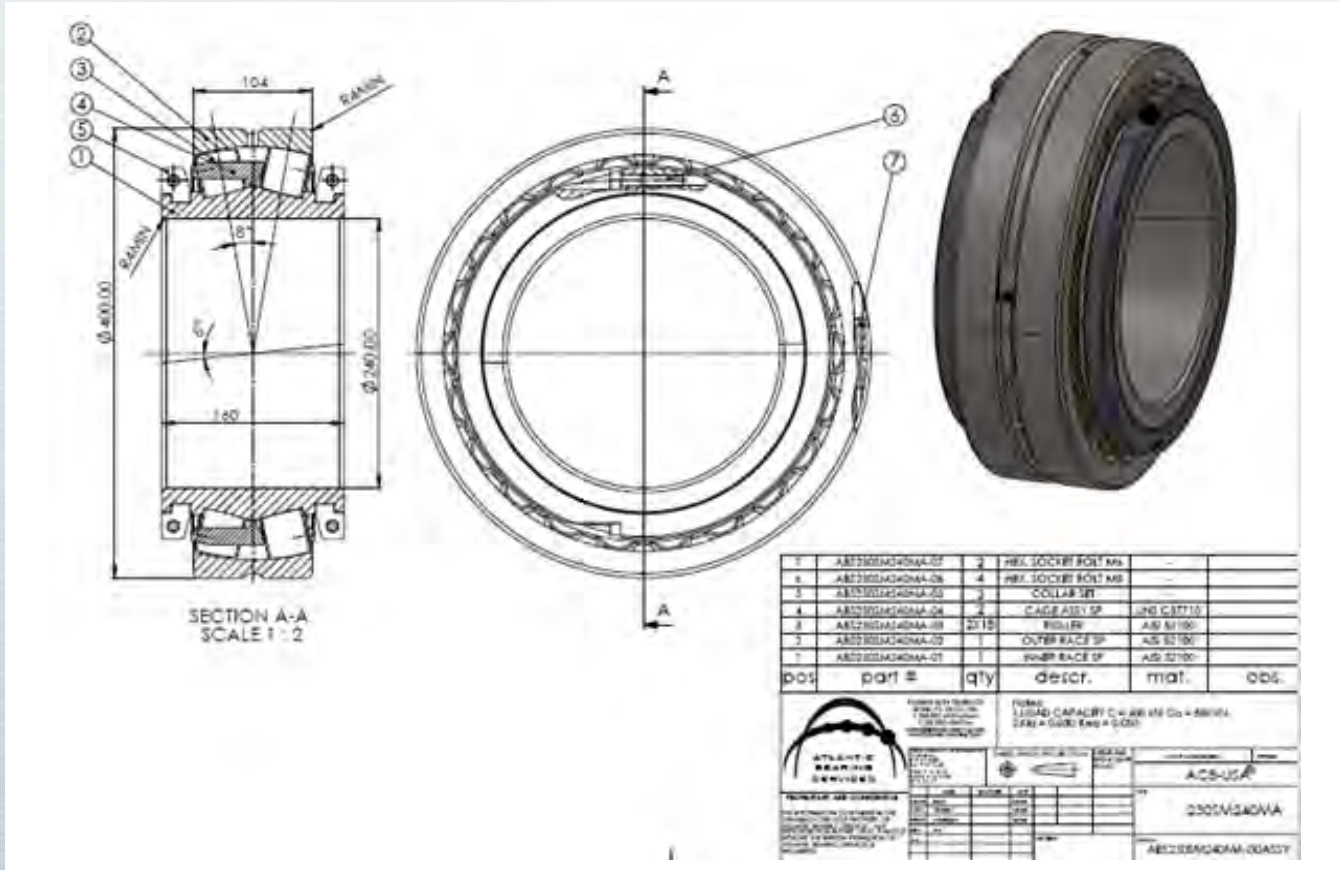
Therefore, we highly recommend IQMS and ABS and its trustworthy staff as business partners.

Sincerely,



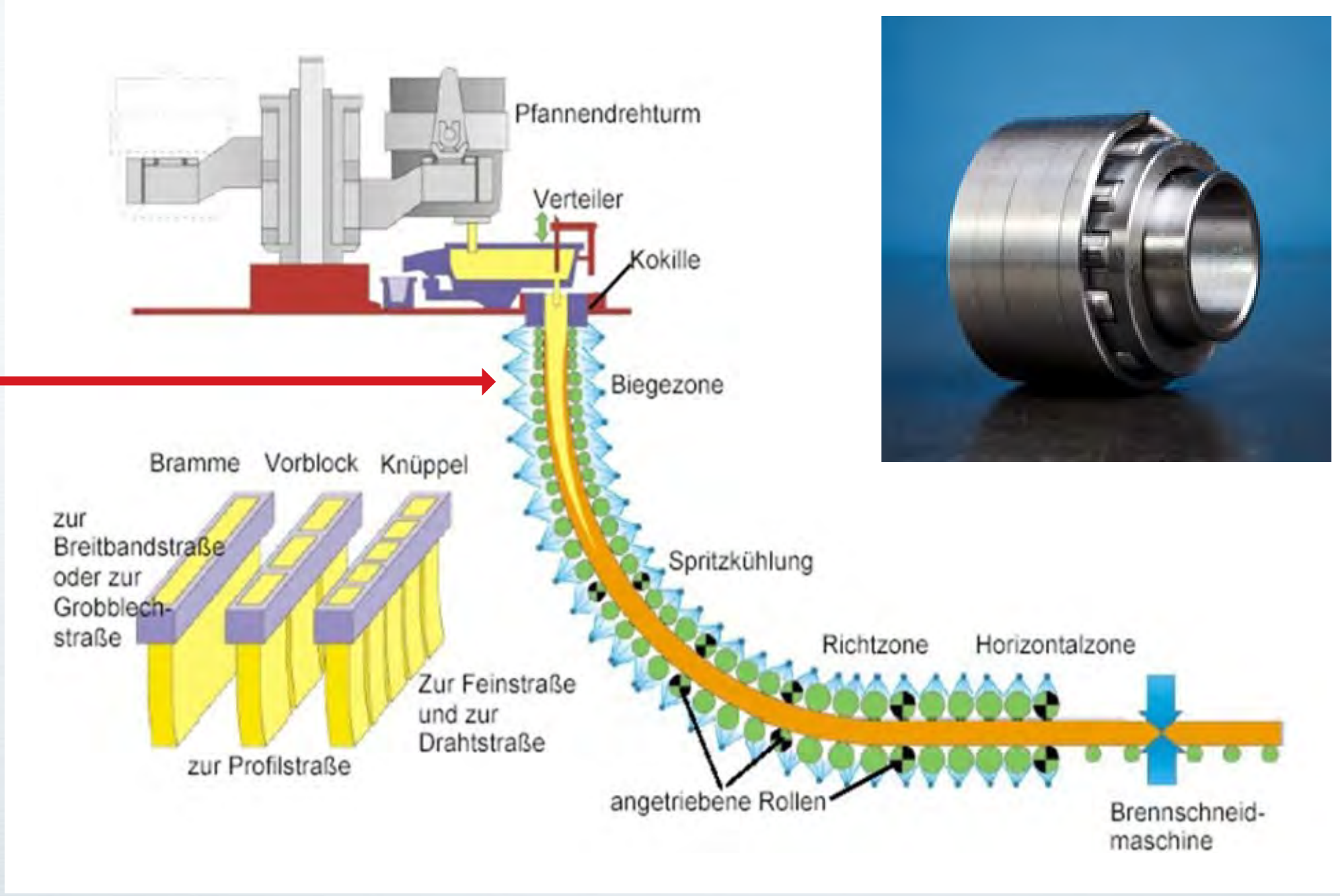
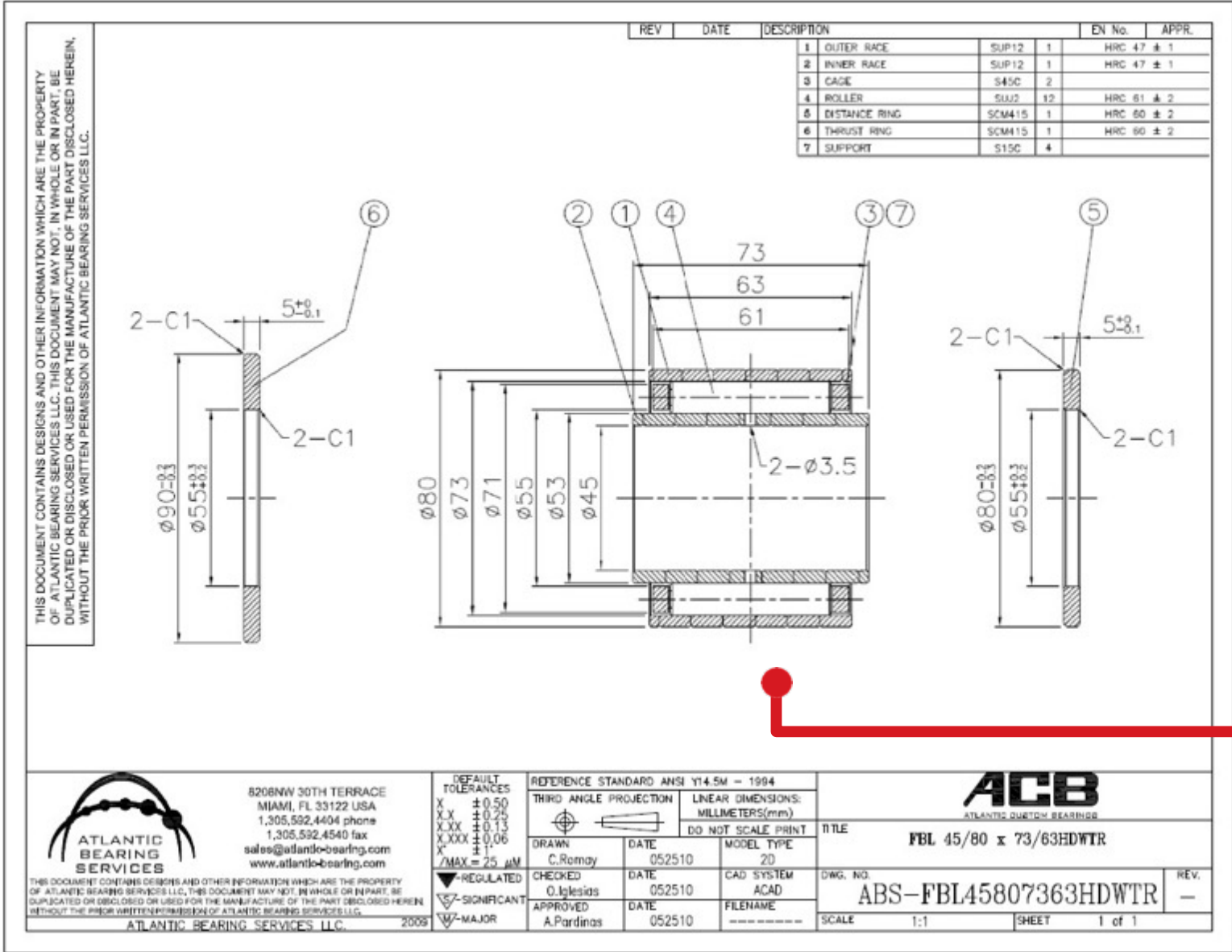
Hernan Lara
General Manager, TRACERcenter

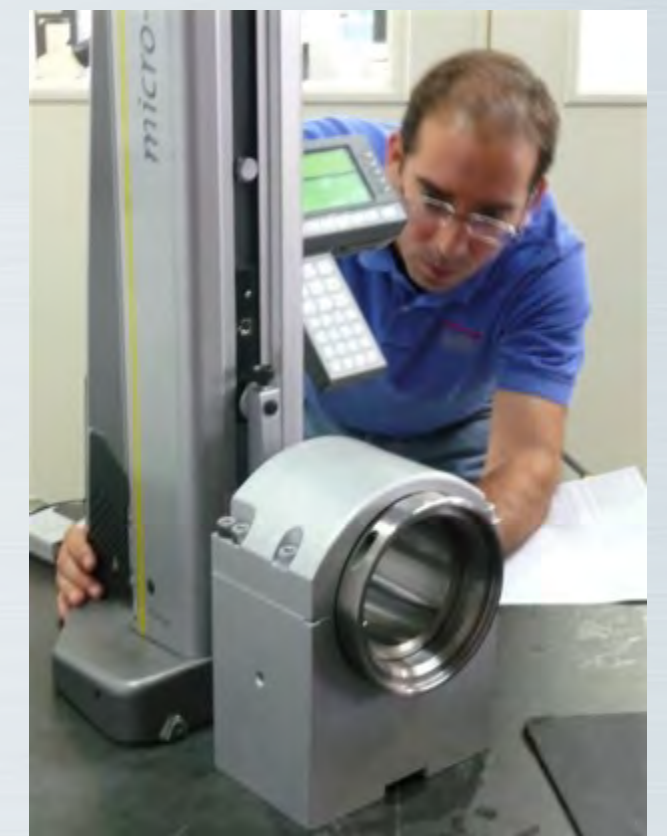
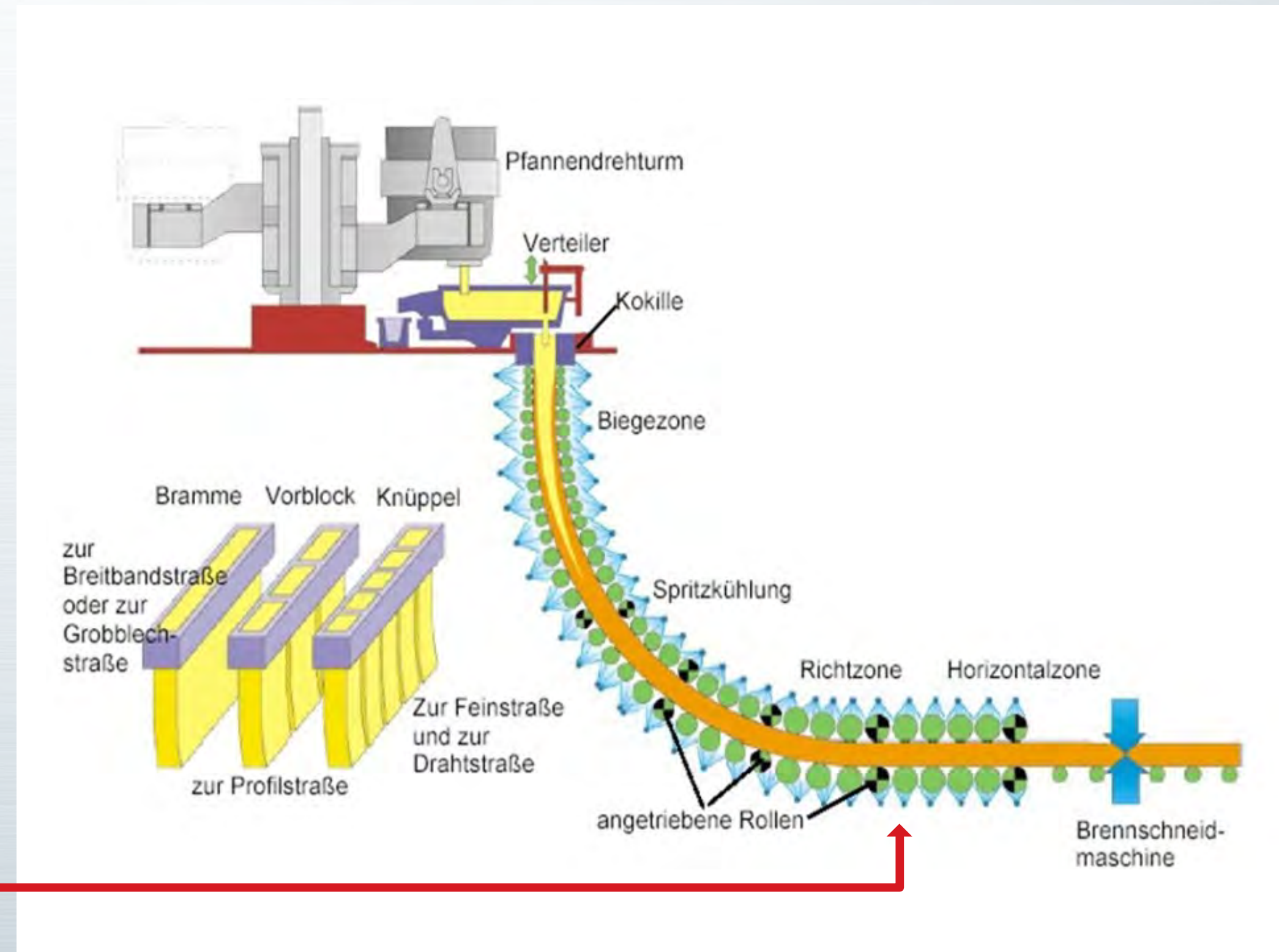
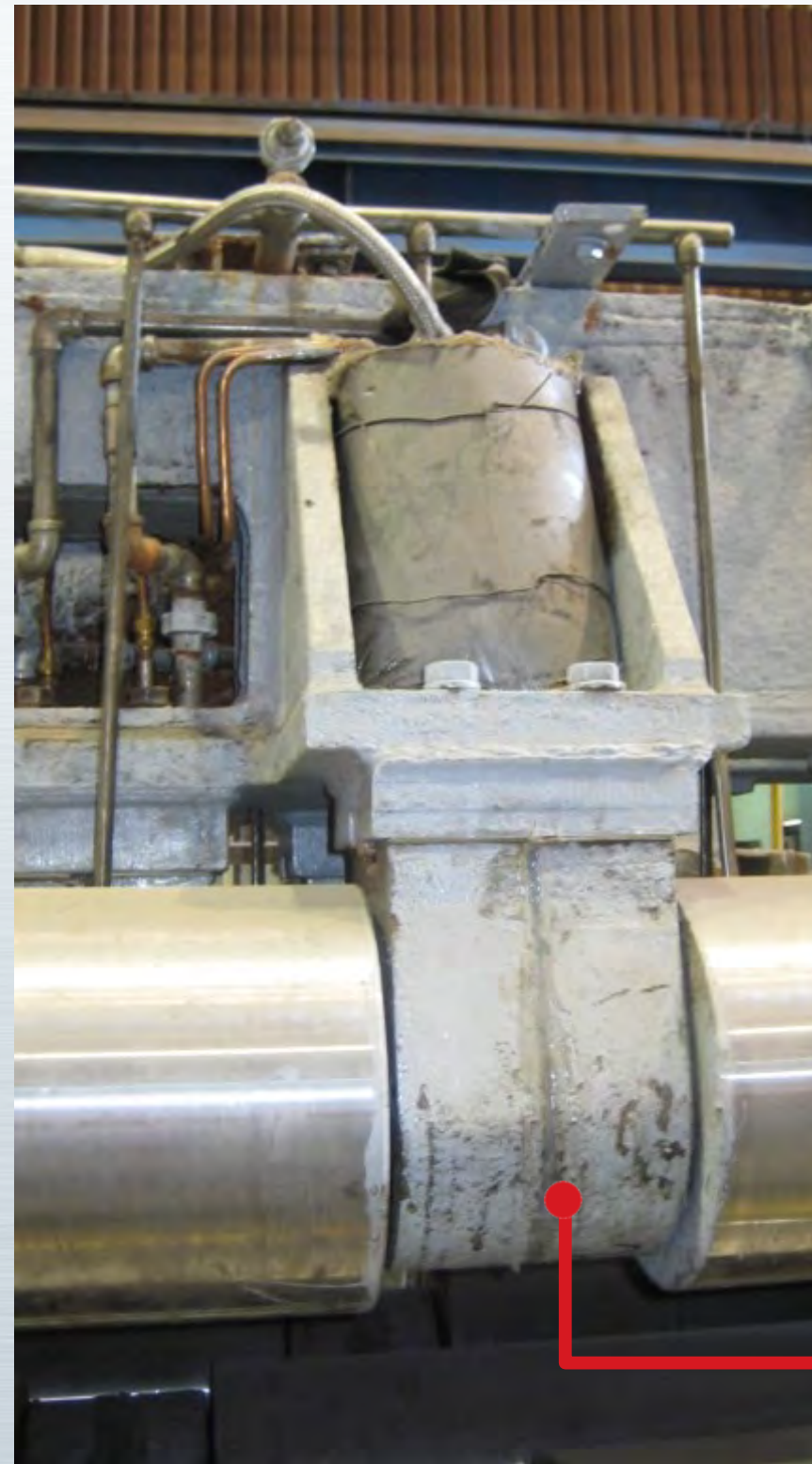
Split Spherical Roller Bearing for *USIMINAS* Steel Converter

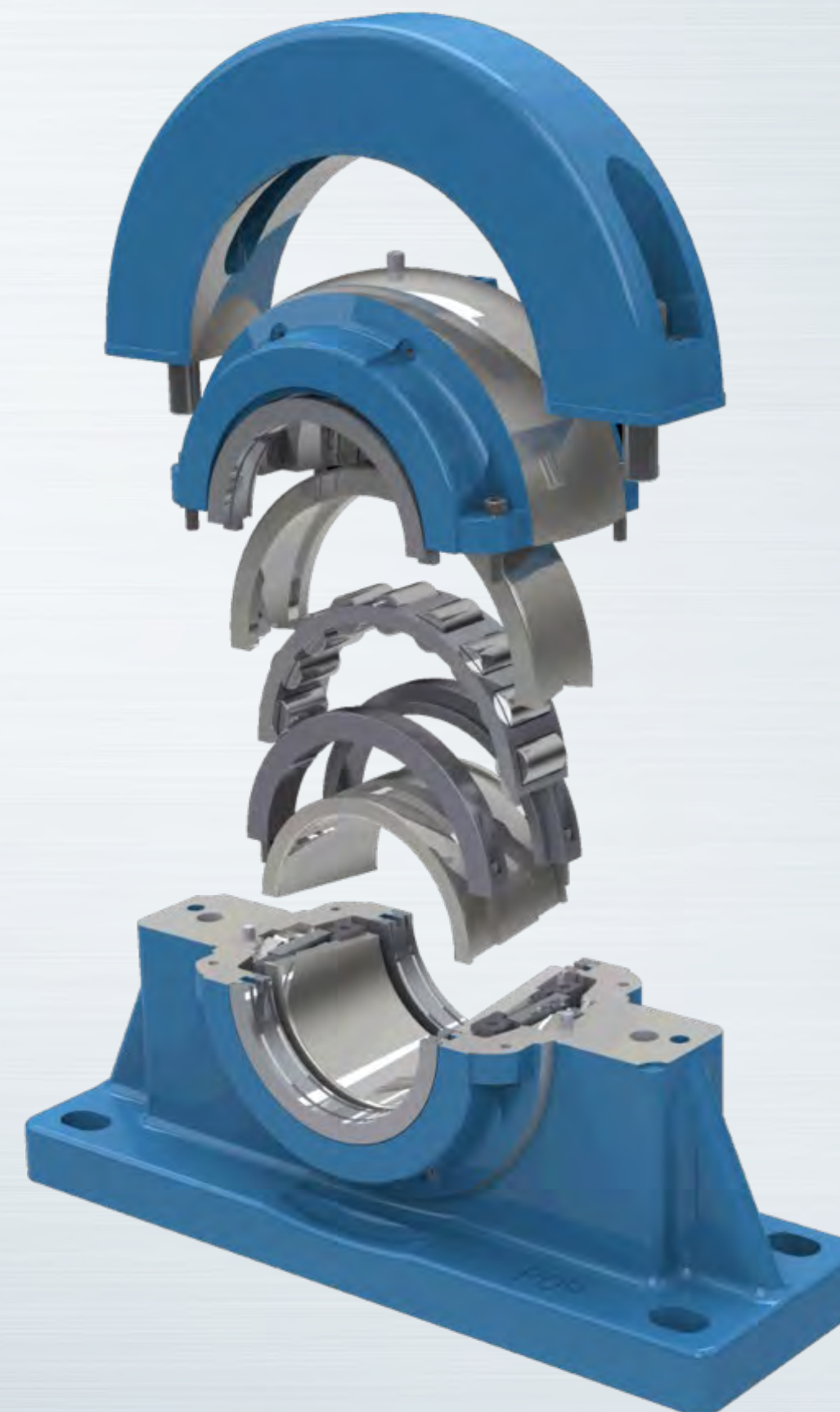


FLB45/80x70/70 Flexible CRB Continuous Casting Machine

Altos Hornos de Mexico (AHMSA) working from 2003

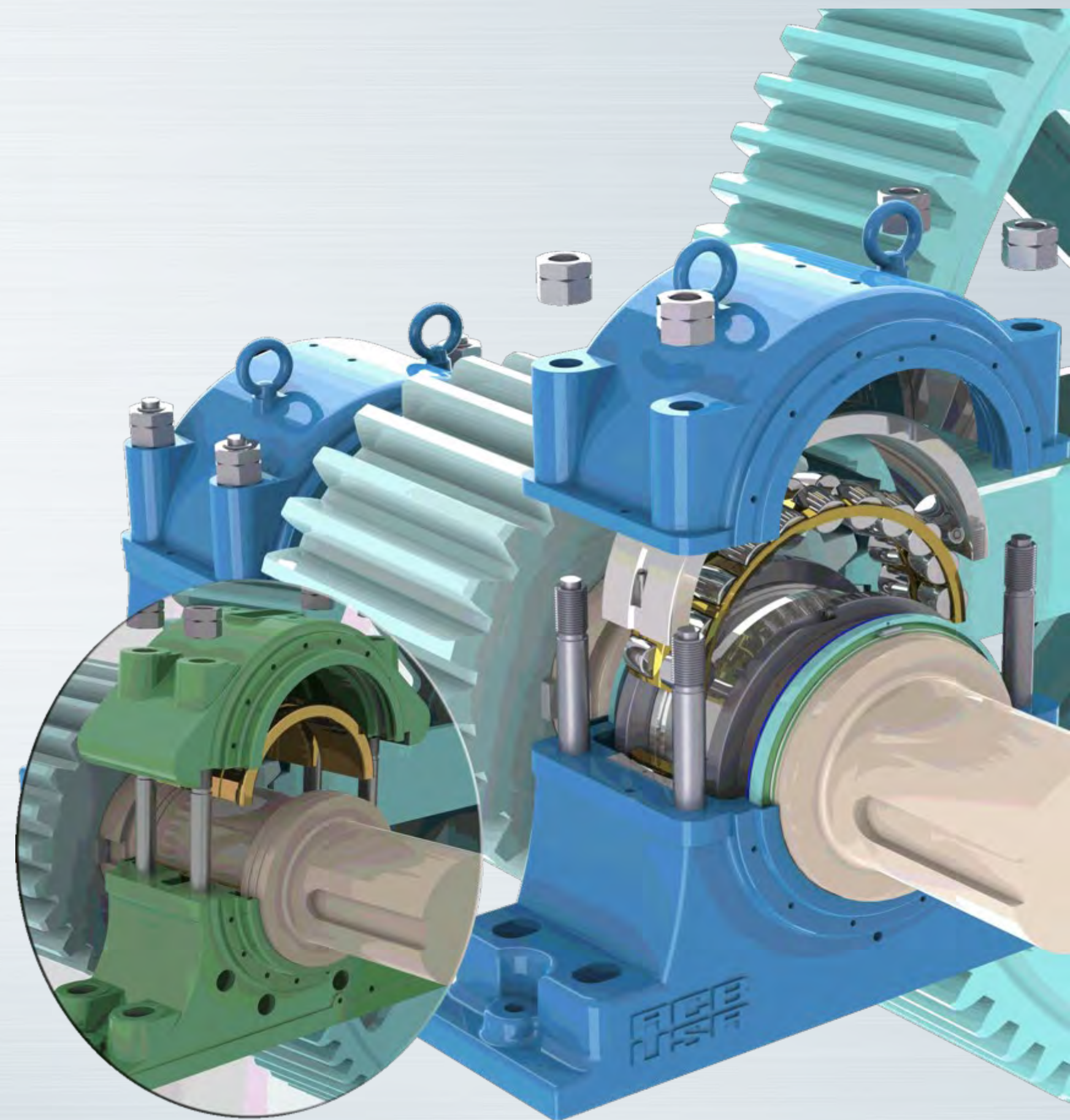






Split Spherical Roller Bearing and housing replacing plain bronze liners

Sterling Sugar USA

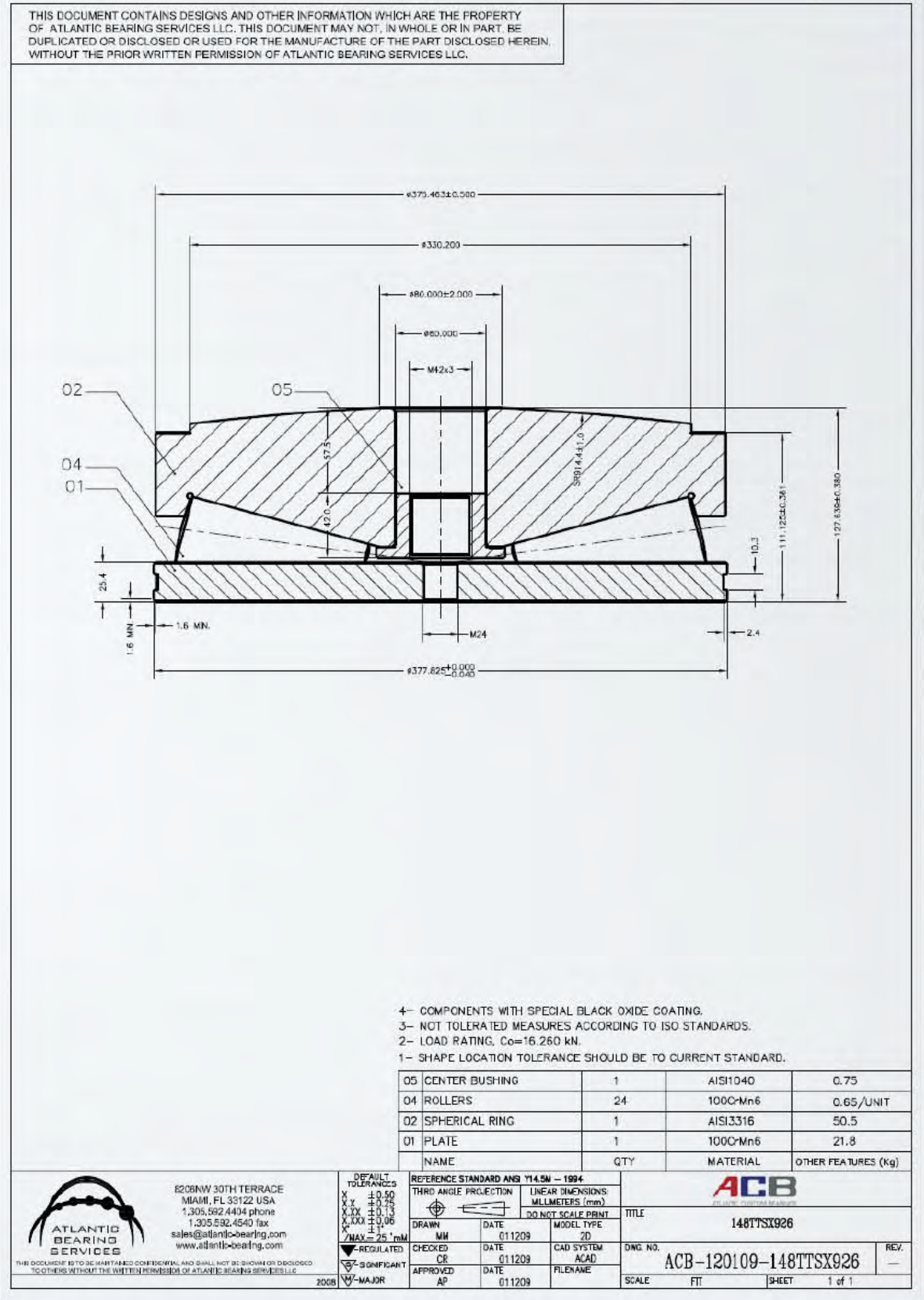
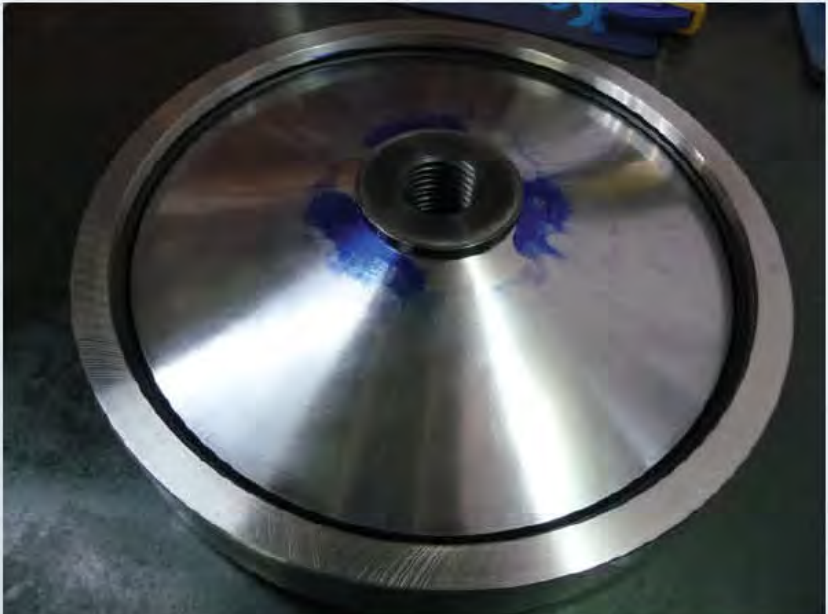
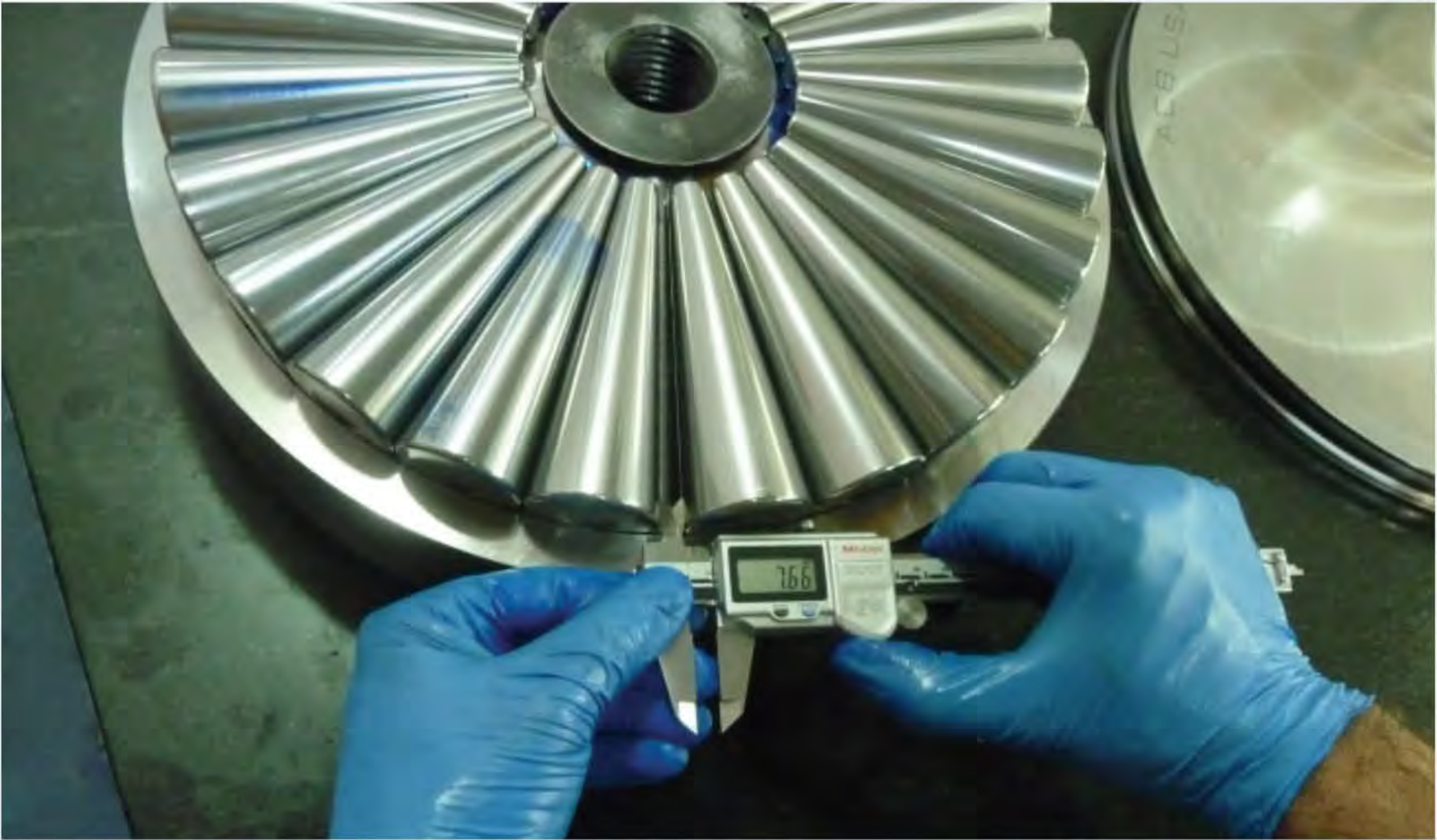


Four Row Cylindrical Roller Bearing *Arcelor Mittal Costa Rica*



Thrust Taper Roller Bearing

Siderurgica Balboa, Jerez, Spain



Advantages

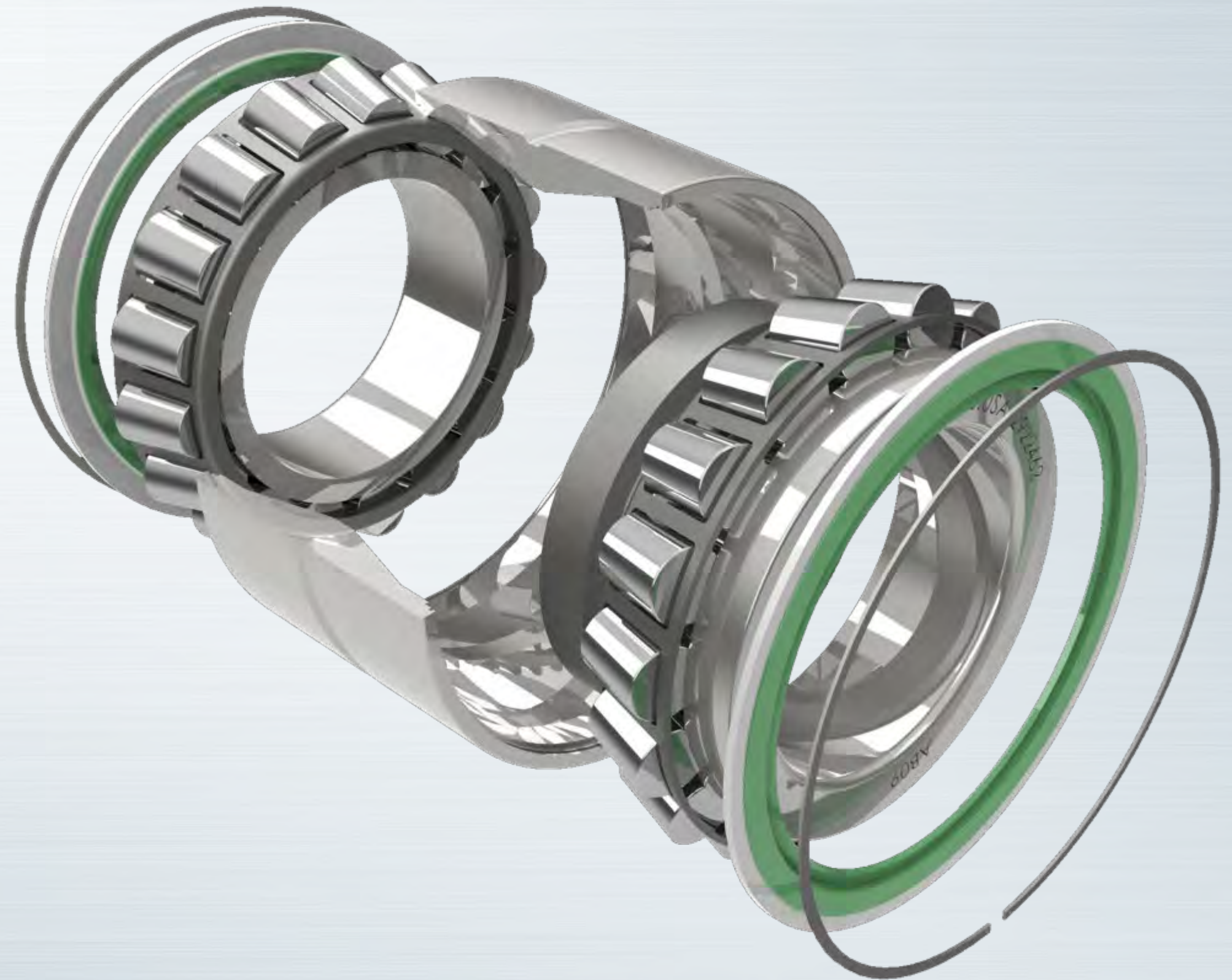
No contamination risk

Minimize human errors

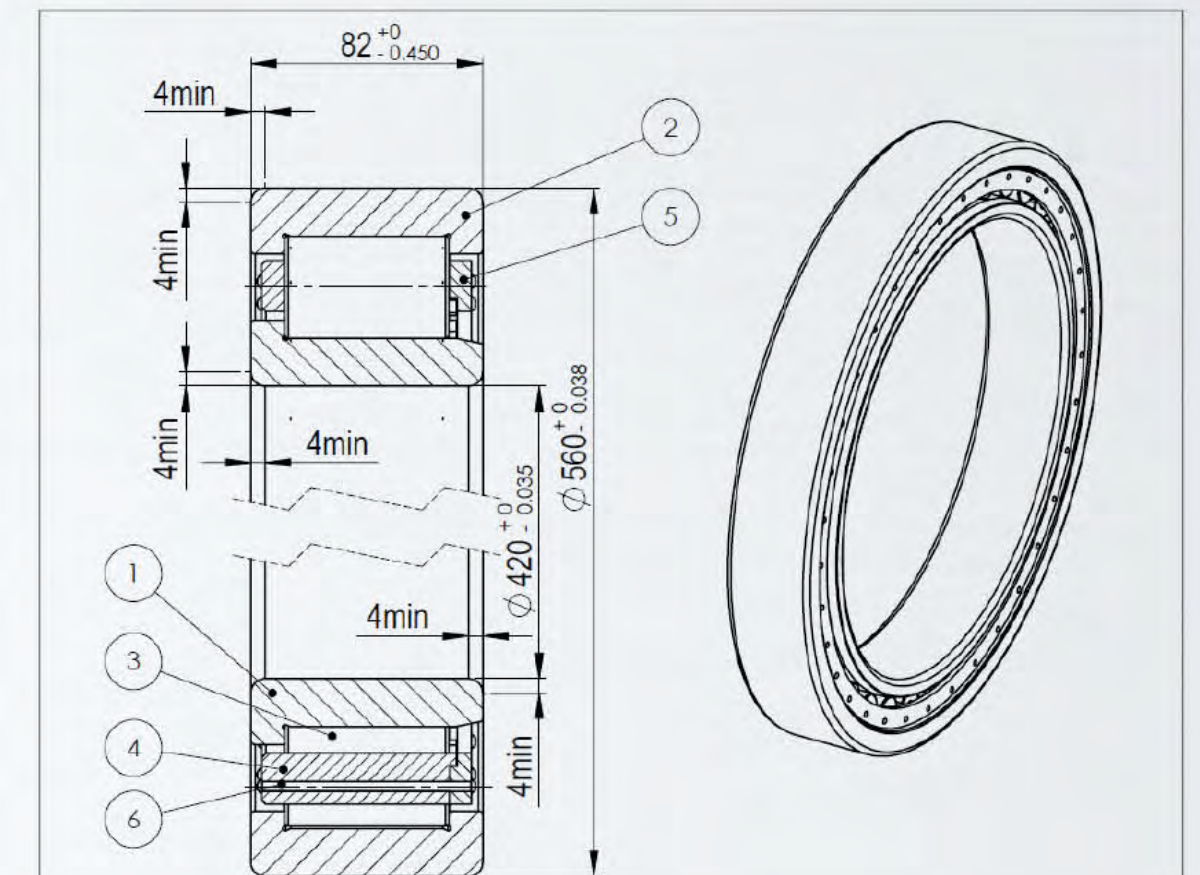
Less parts to manipulate

Less lubricant consumption


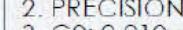
No important modifications
to the actual system



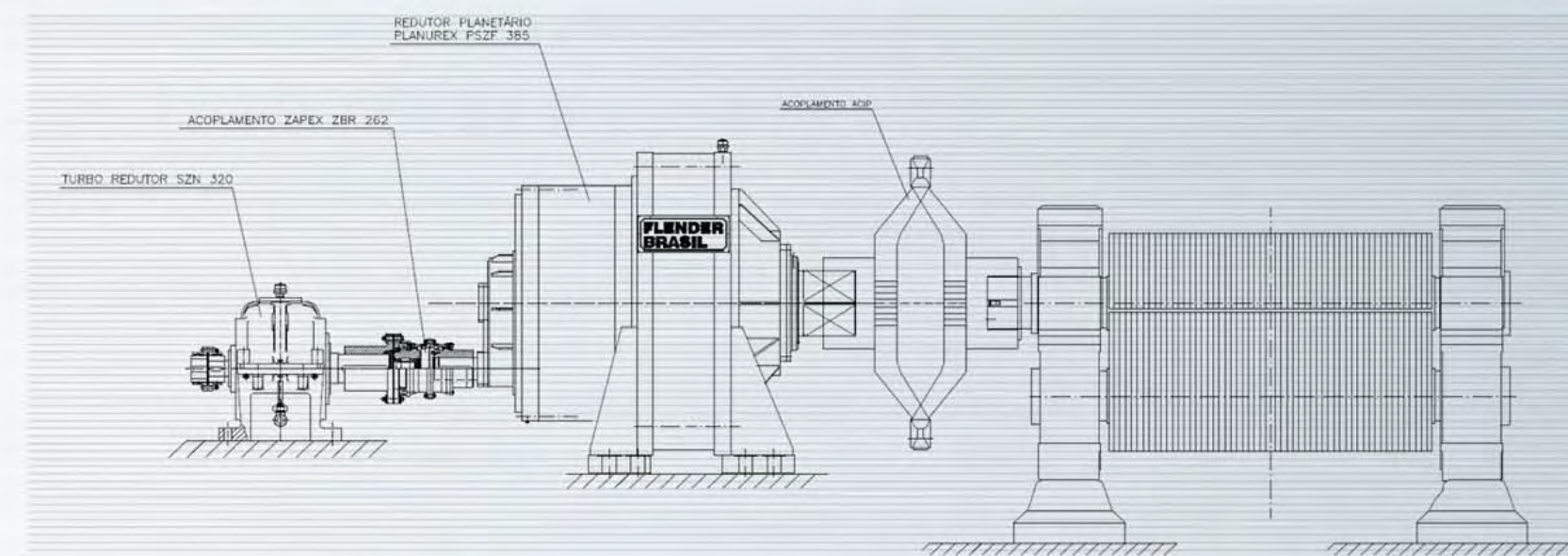
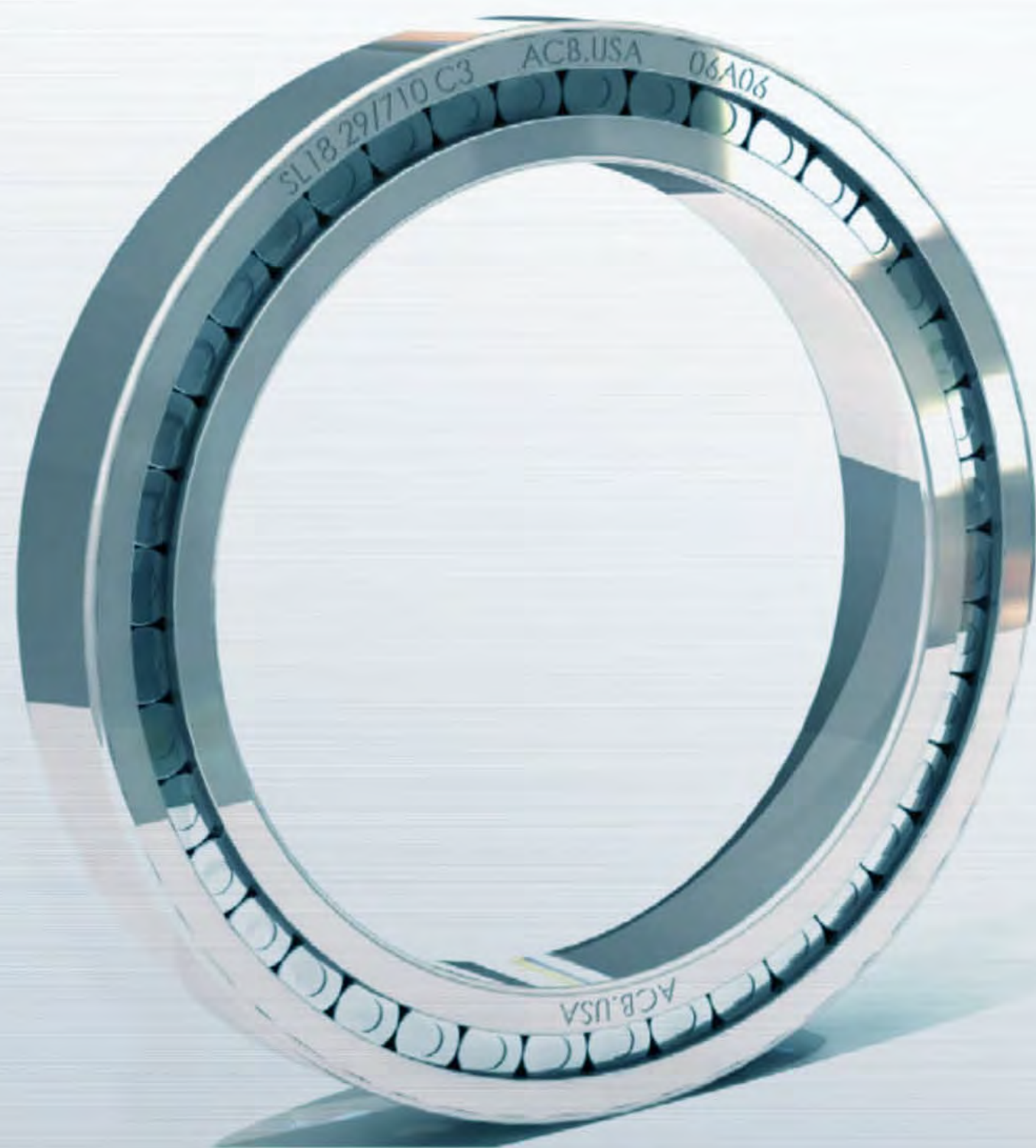
HCCRB for planetary gearboxes



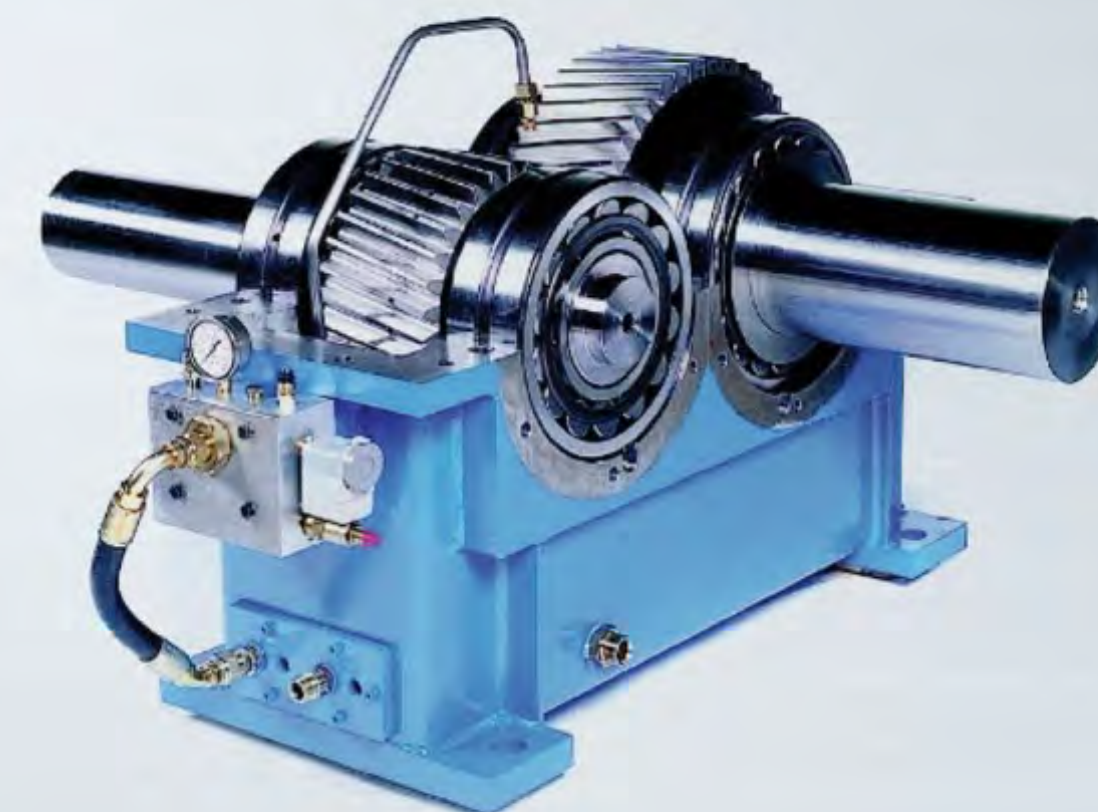
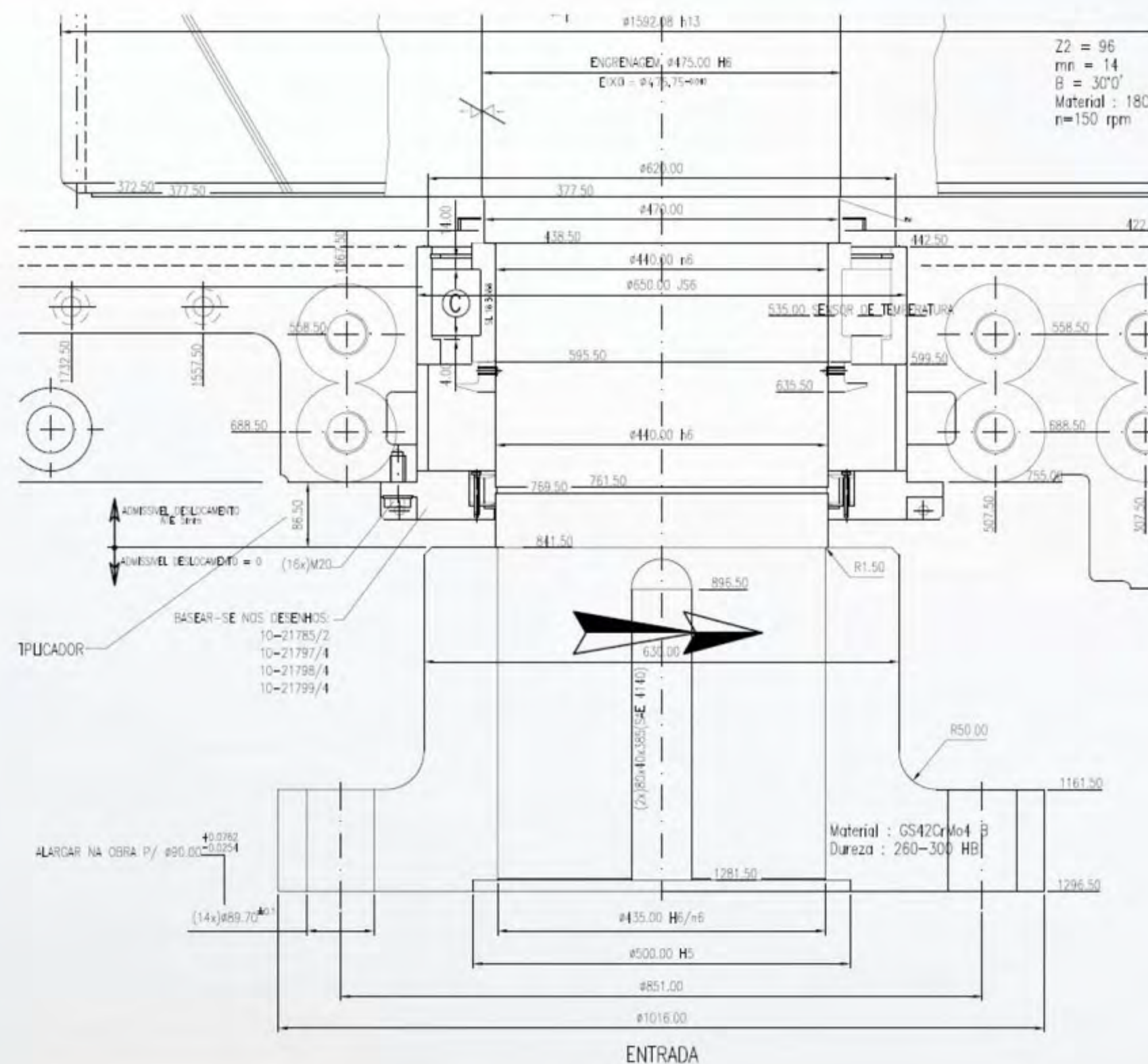
POS	PART NUMBER	DESCRIPTION	QTY	MATERIAL	OBS.
1	NJ2984MIR	INNER RACE	1	GCr15-GB/T18254	
2	NJ2984MOR	OUTER RACE	1	GCr15-GB/T18254	
3	NJ2984MR	ROLLER	35	GCr15-GB/T18254	
4	NJ2984MCL	CAGE LEFT	1		
5	NJ2984MCR	CAGE RIGHT	1		
6	NJ2984MCP	PIN	35		

 <p>ATLANTIC BEARING SERVICES</p> <p>PROPRIETARY AND CONFIDENTIAL</p>	<p>8208NW 30TH TERRACE MIAMI, FL 33122 USA 1.305.592.4404 phone 1.305.592.4540 fax sales@atlantic-bearing.com www.atlantic-bearing.com</p>	<p>NOTES:</p> <ol style="list-style-type: none"> 1. LOAD CAPACITY Cr. = 1350 kN, Cor = 2856 kN 2. PRECISION CLASS P6 3. CO: 0.210 ~ 0.310
	<p>THIRD ANGLE PROJECTION</p> 	<p>DEBUR AND BREAK SHARP EDGES</p>
<p>DO NOT SCALE DRAWING</p>		<p>REVISION</p>
<p>ABC-USA</p>		<p>TITLE:</p> <p>NJ2984M CYL. ROLLER BEARING</p>
<p>DRAWN: NAL</p> <p>CHCD: CROMAY</p> <p>APPVD: APADRIAS</p> <p>MFG: ABS</p> <p>G.A.</p>	<p>DATE:</p> <p>03/30/05</p> <p>03/30/05</p> <p>03/30/05</p>	<p>DWG NO:</p> <p>ABSNJ2984M-00ASSY</p>
<p>MATERIAL:</p>		<p>SCALE: 1:10</p>
<p>WEIGHT: 58.4 Kg</p>		<p>SHEET 1 OF 1</p>

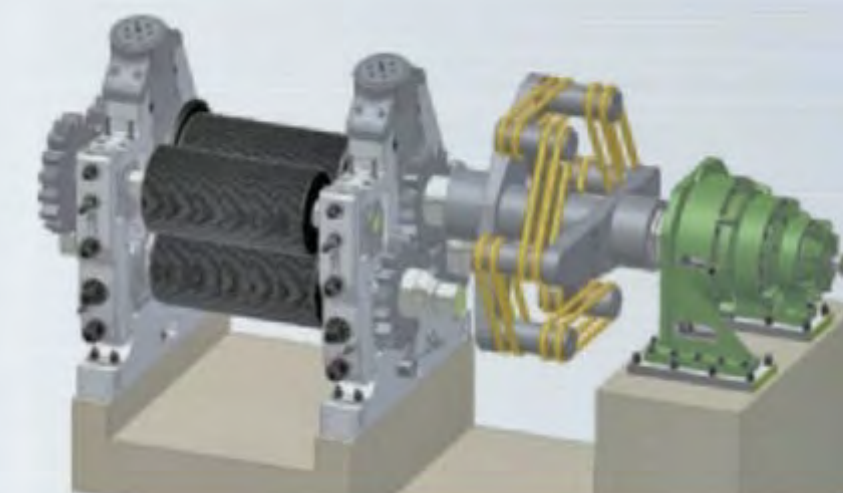
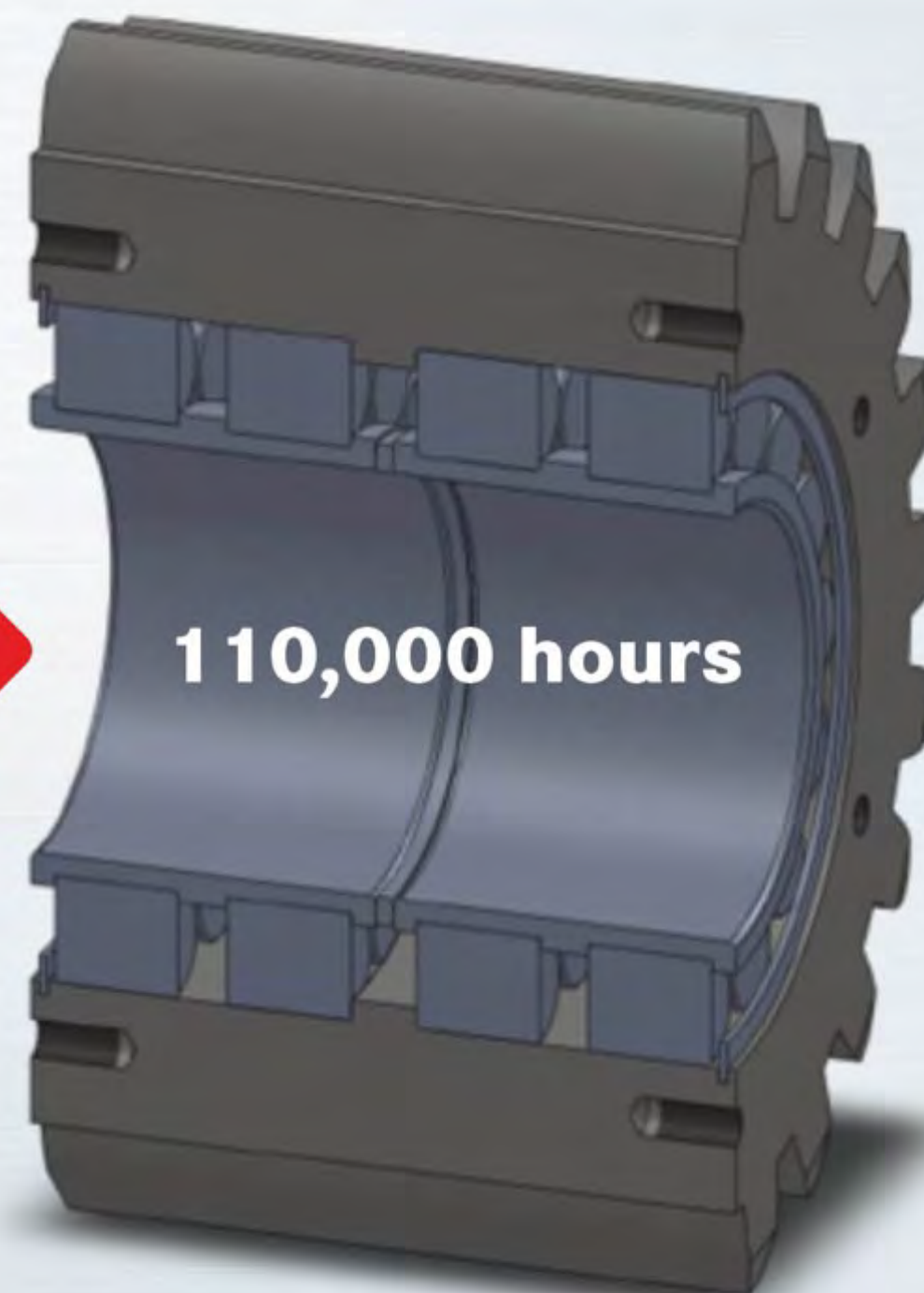
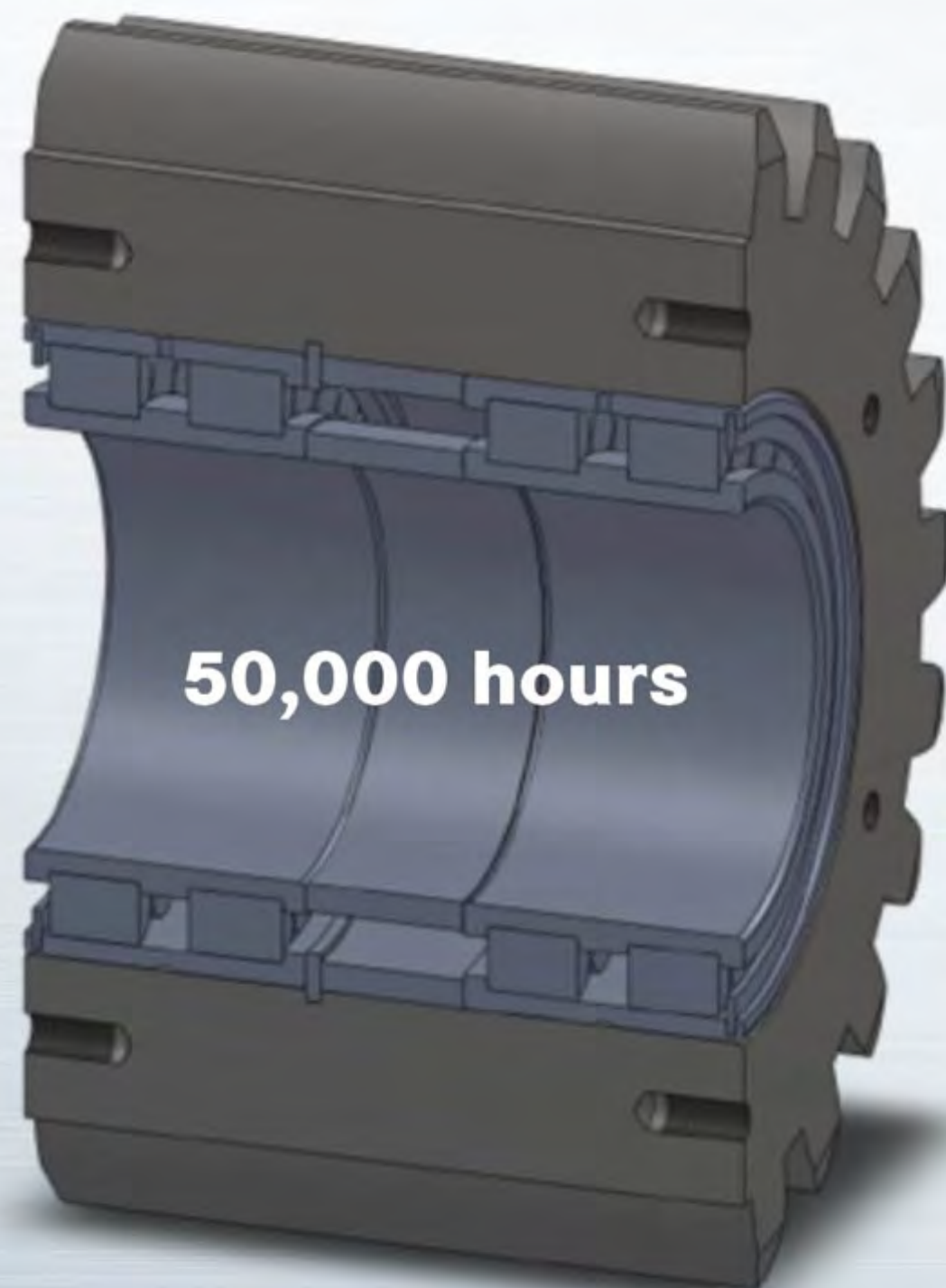
SL1829/710 C3 for FLENDER



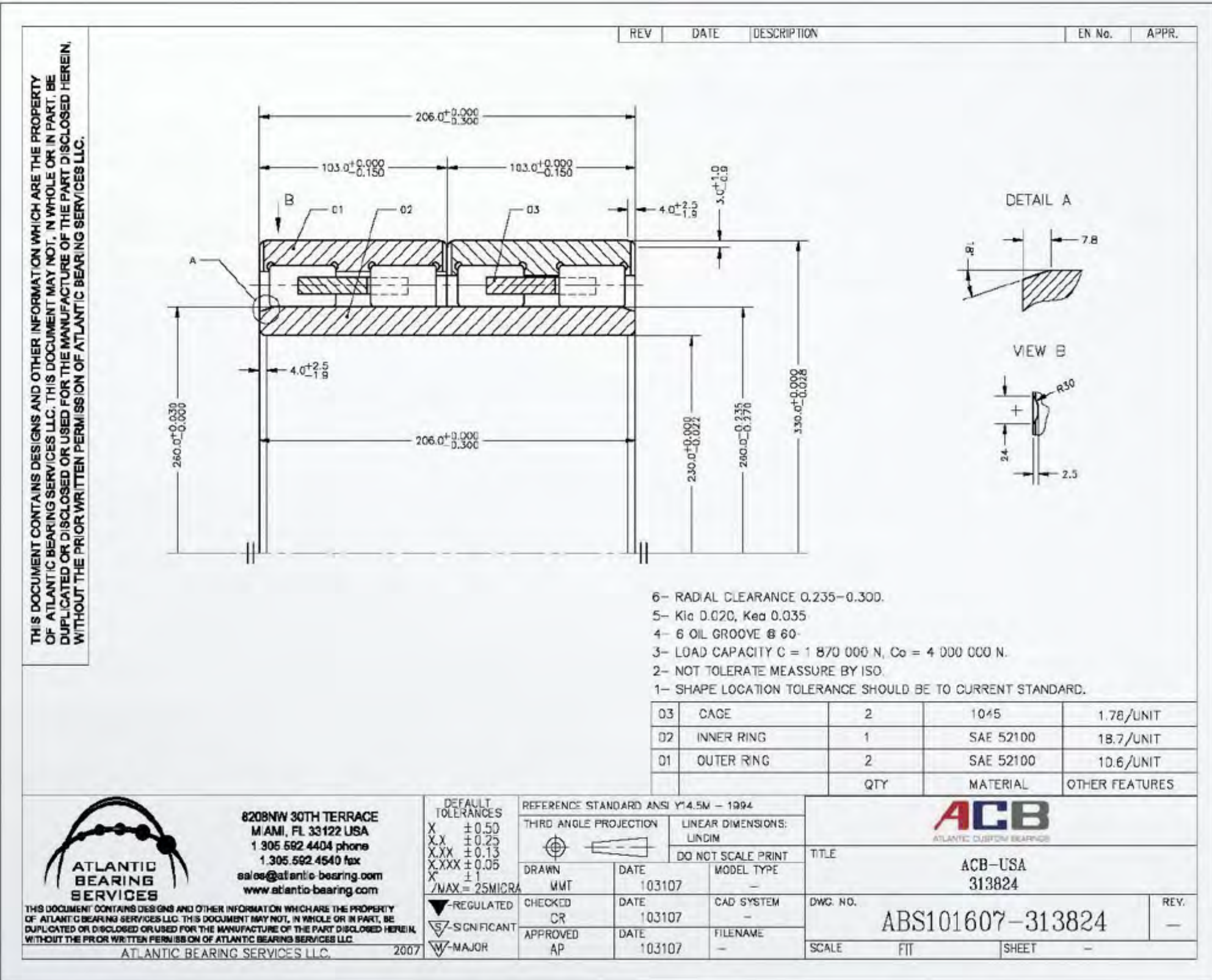
SL183088 for RENKZANINI speed increase 11,000 kW



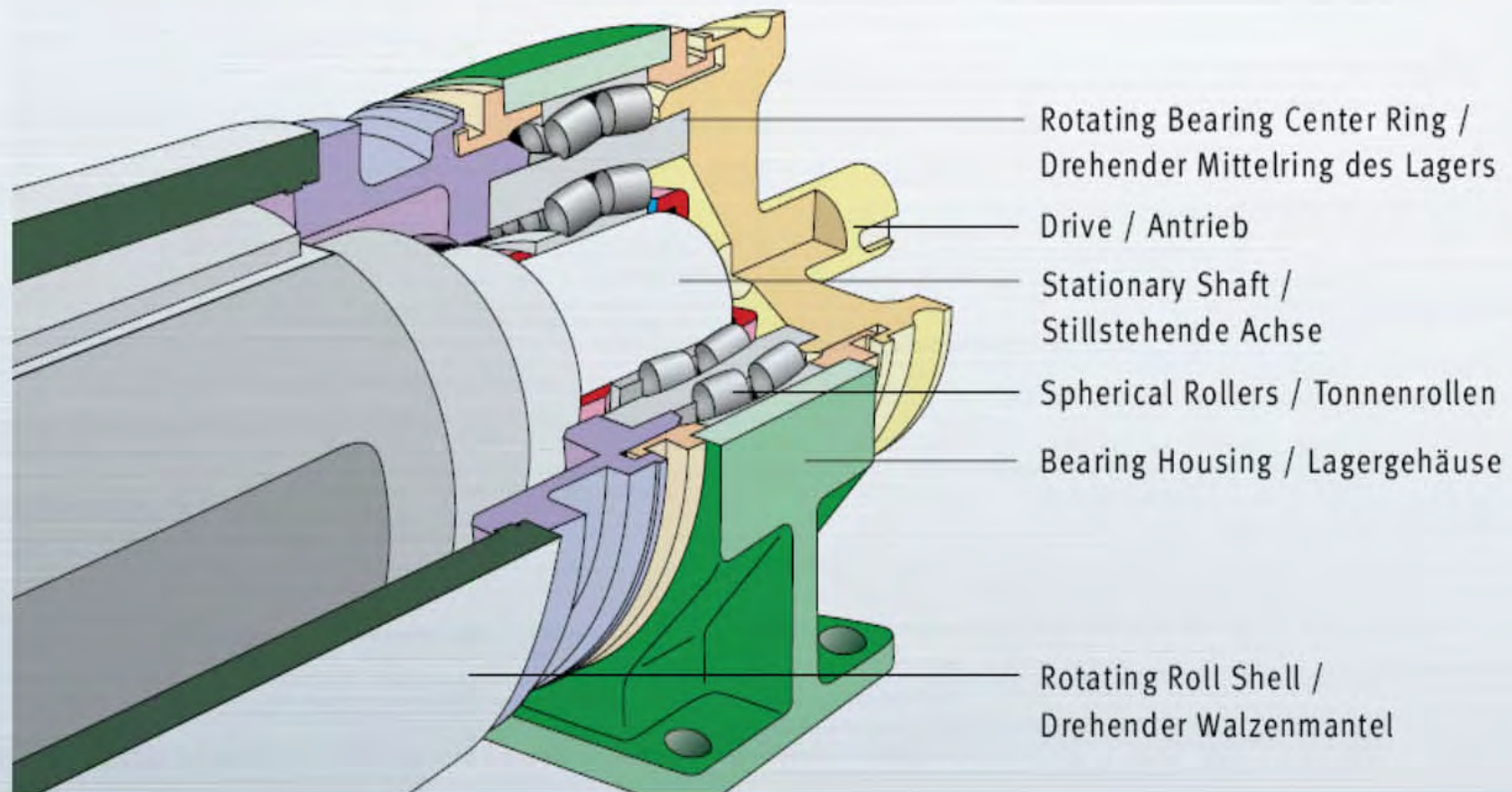
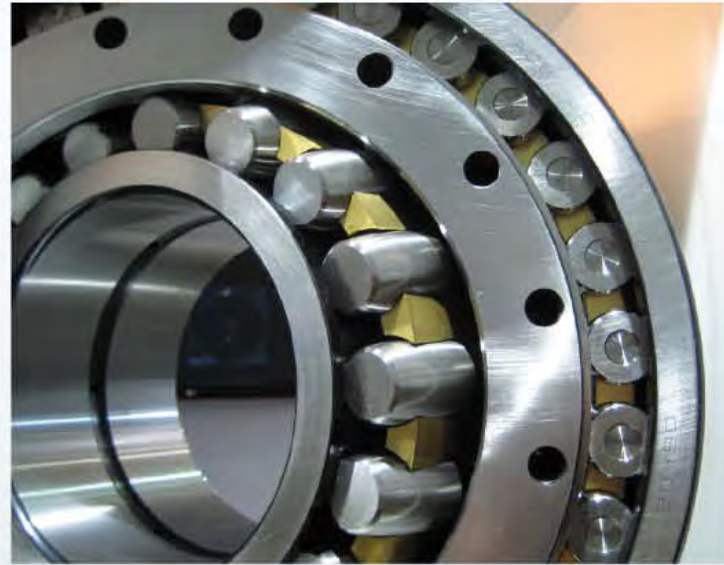
Integral Bearing for planetary pinion in TGM RPS units



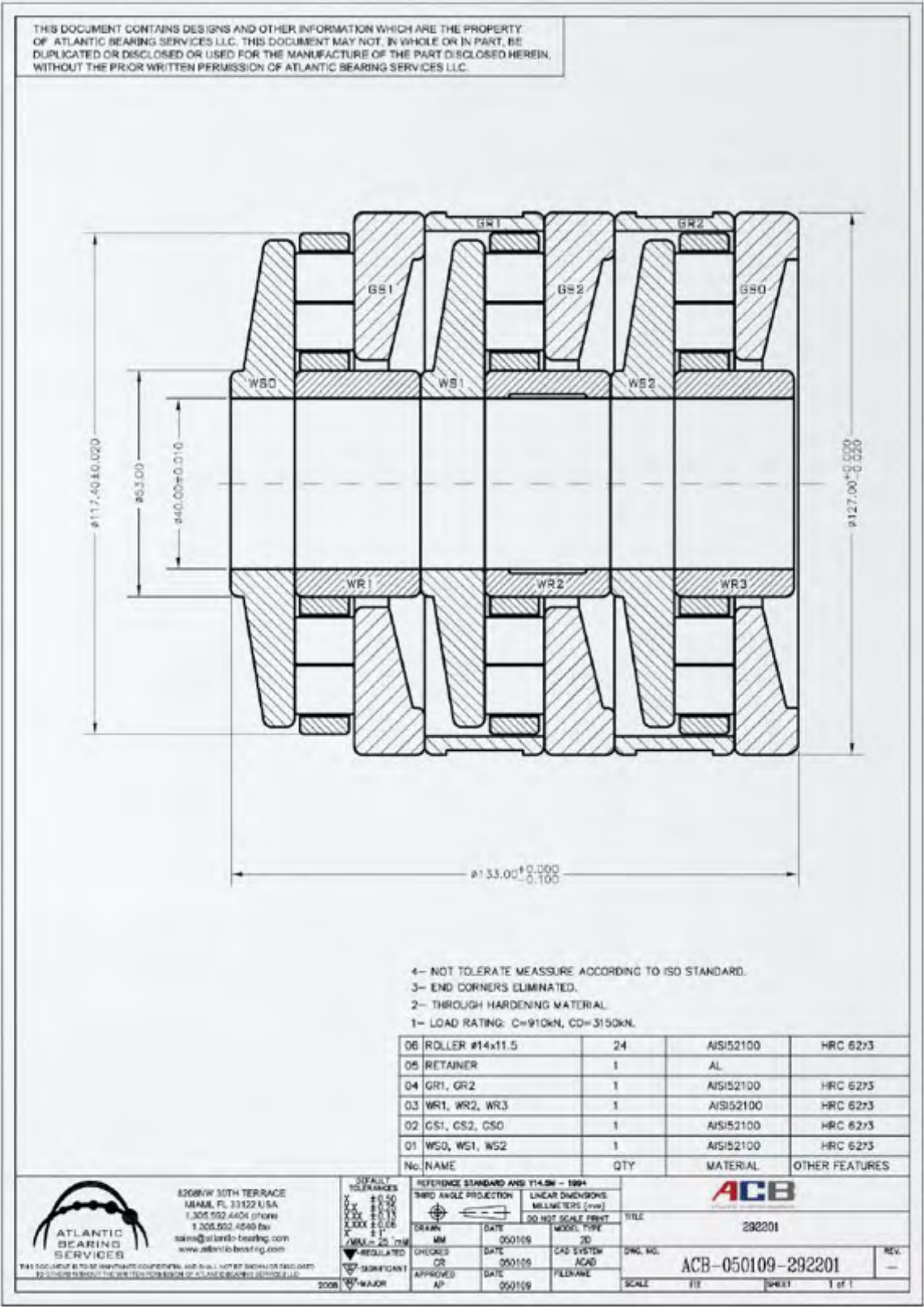
313824 four row cylindrical roller bearing for SKF



Triple Ring Bearings for the Paper Industry *Farrel Rolls (I)*



**Multi Row Cylindrical Roller
Bearing For Twin screw extruder
plastic extrusion machine**



SL182228BR *Movement*



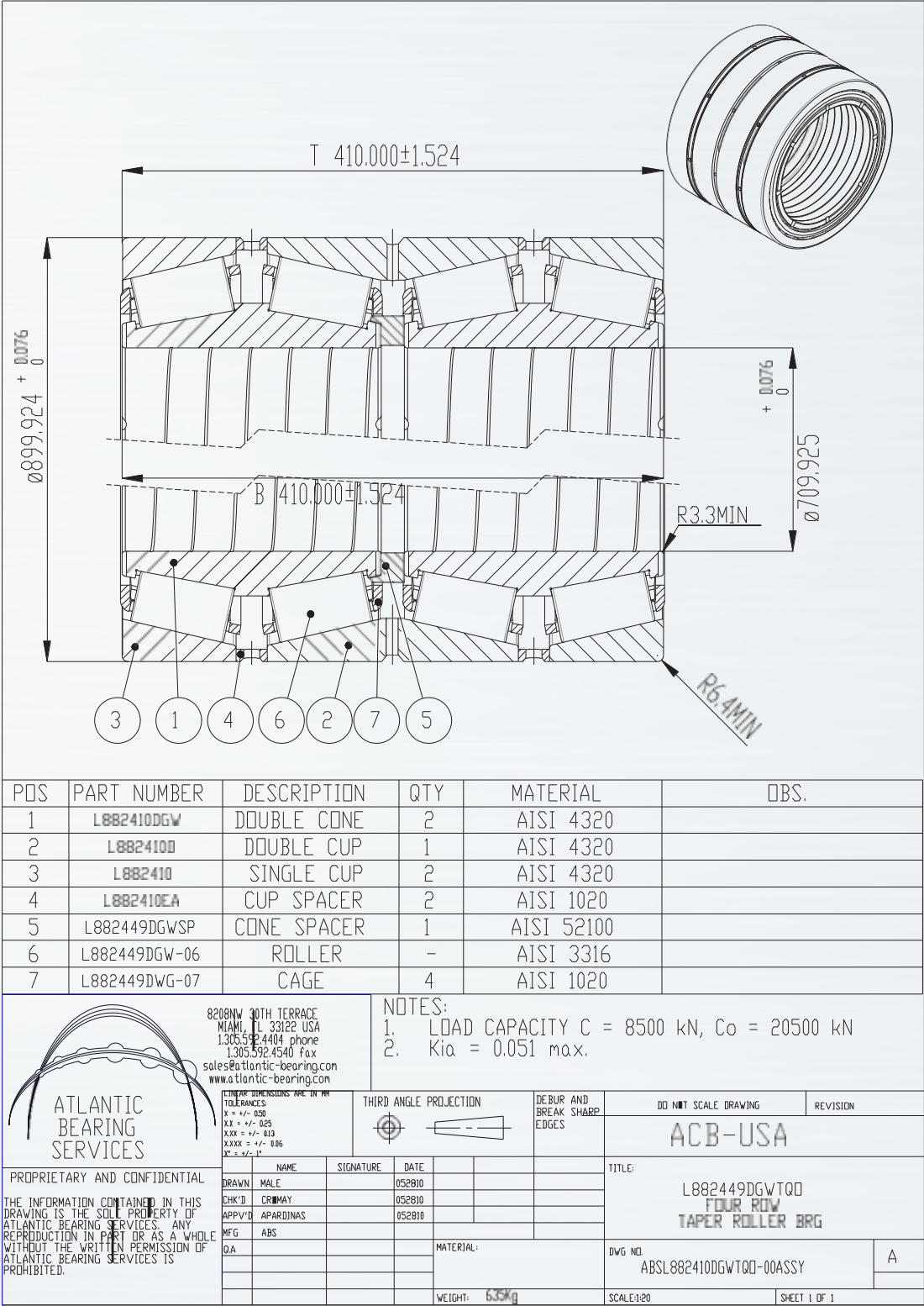
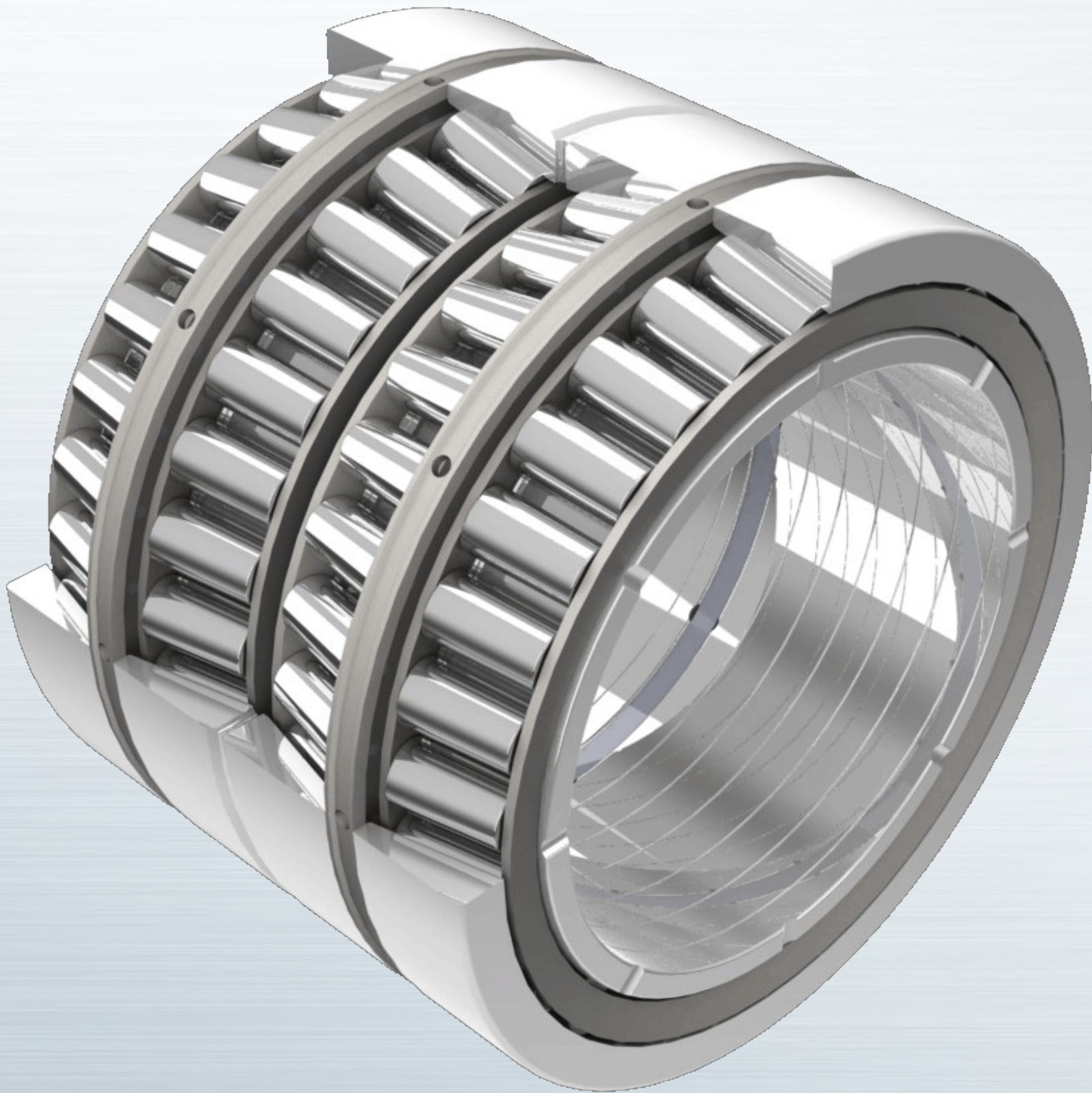
PN: SL182228
Manufacturer: ACB
Bearing code: 00810CRB21
Inspector: O. Iglesias
Date: 11/26/2008



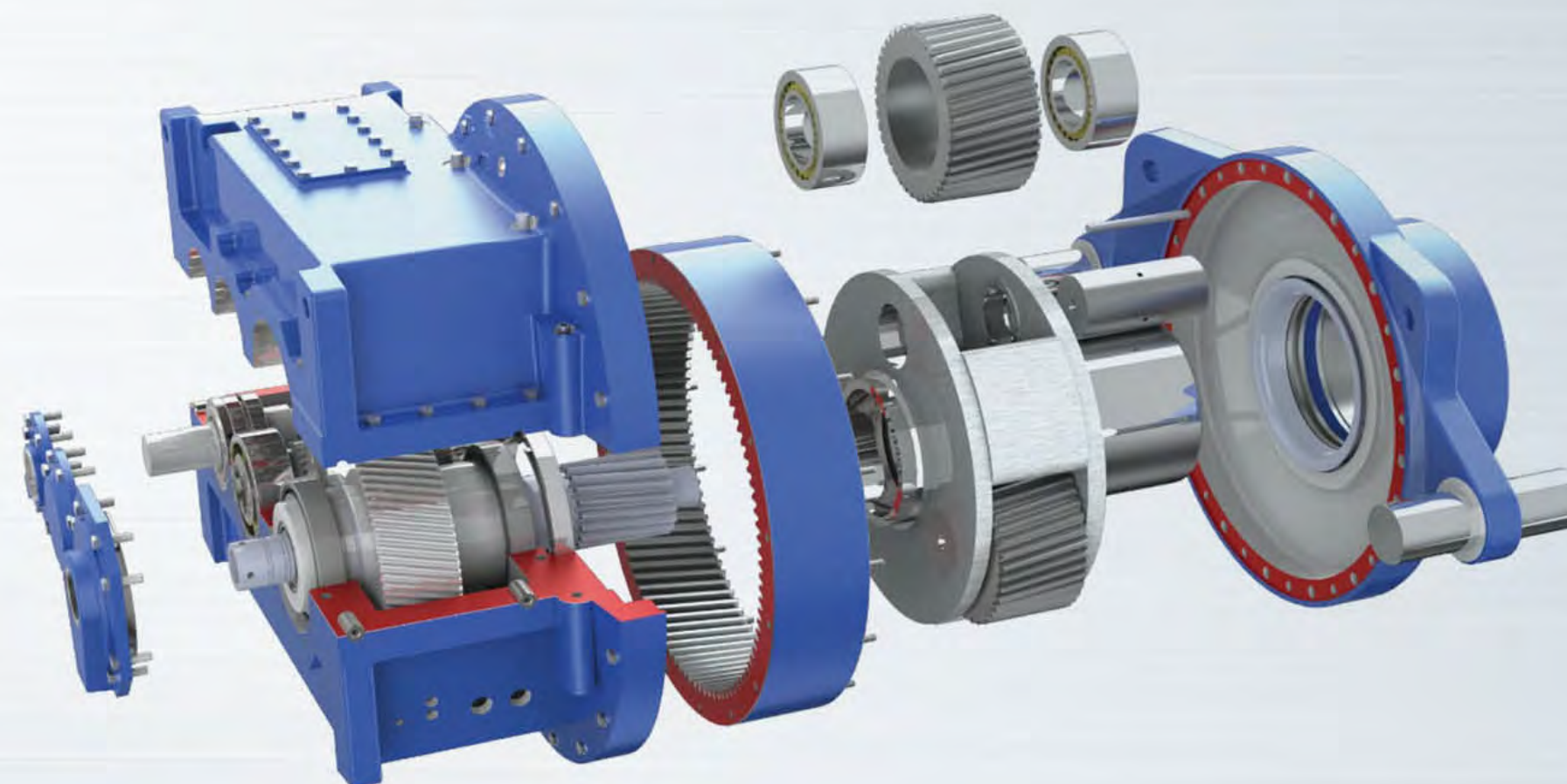
Feature	Nominal	Tolerance		ITEM 01
		Min	Max	
Inner Ring				
Bore Diameter (mm)	140.000	-0.025	0.000	-0.008
Width (mm)	68.000	-0.250	0.000	-0.115
Inner corner axial (mm)		3.0		3.5
Inner corner radial (mm)		3.0		3.5
Bore Surface Finish (µm)			Ra0.8	0.17
Raceway surface finishing			Ra0.25	0.16
Raceway contour profile	Convex		0.003	0.002
Hardness inner ring (HRC)		58.0	62.0	59.2
Outer ring				
Outer Diameter (mm)	250.000	-0.030	0.000	-0.011
Width ring (mm)	68.000	-0.250	0.000	-0.100
Outer corner axial (mm)		3.0		3.5
Outer corner radial (mm)		3.0		3.5
O.D. Surface Finish (µm)			Ra0.8	0.30
Raceway surface finishing			Ra0.32	0.16
Raceway contour profile	Convex		0.004	0.003
Hardness (HRC)		58.0	62.0	59.5
Roller				
Rollers surface finishing (µm)			Ra0.25	0.07
Raceway contour profile		0.015	0.025	0.021
Hardness Rollers (HRC)		60.0	64.0	60.9
Radial clearance (mm)		0.060	0.105	0.100
TES (mm)		1.40	1.90	1.67
Kia (mm)			0.030	0.022
Kea (mm)			0.050	0.035

QUALITY CONTROL CONCLUSION : Approved

Remarks:
1. cells means out of tolerance values
2. Empty cells means measurement pendent
3. See the sheet "Visual Inspection and comments" for more information
3. Total items: 1 Retested pieces: 1 (Random sampling according ISO 2859: 1 item)



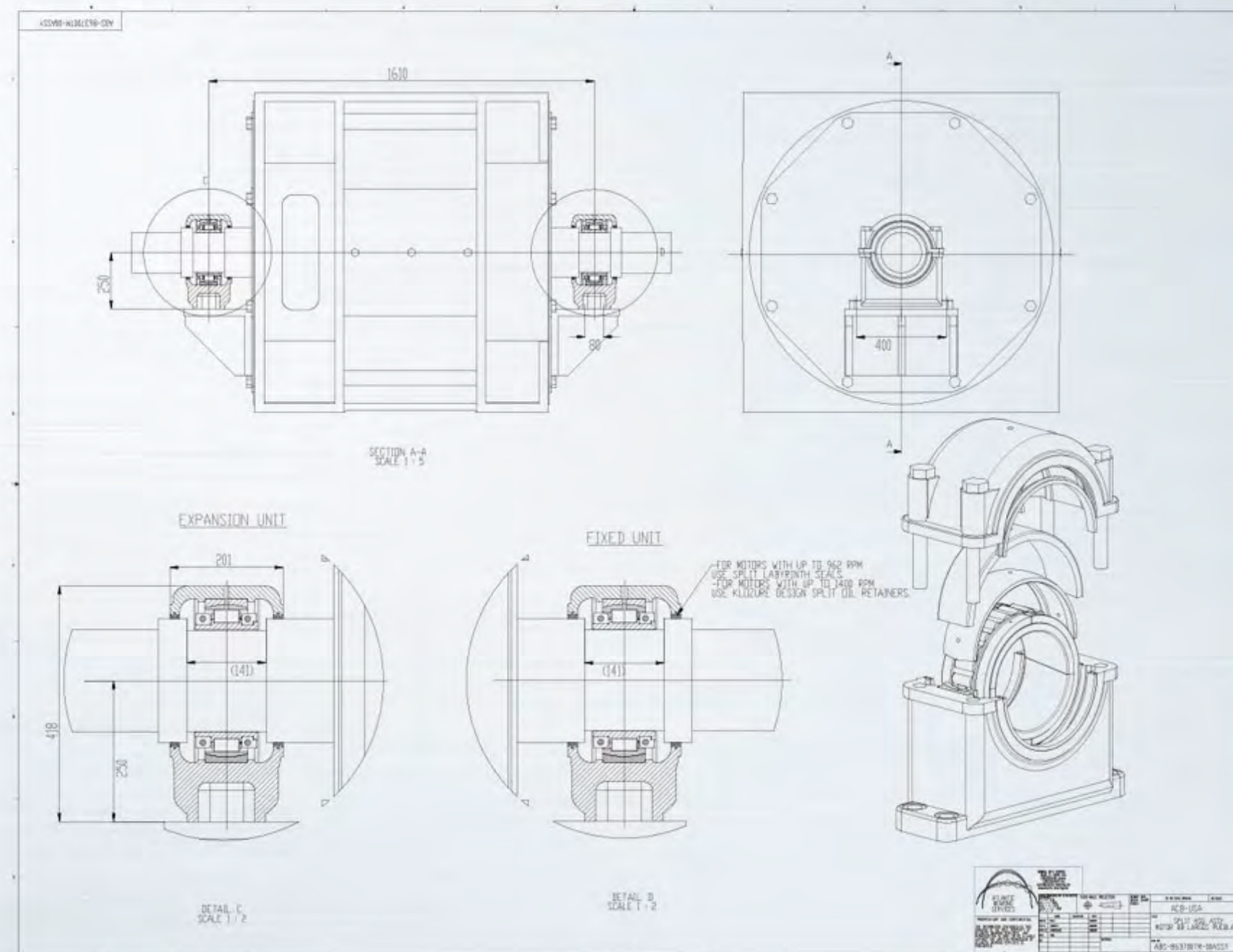
SL1829/710 C3 for FLENDER *For Sugar mil Drives replacing plain bearings*



Integral full complement High capacity CRB for planetary gear reducers / all bearing components with engineering coating to reduce wear / roller diameter oversized to increase load capacity / Sets of marching integral pinions to obtain the best load distribution among bearings and gears.

Triple Ring Cylindrical Roller Bearing Units

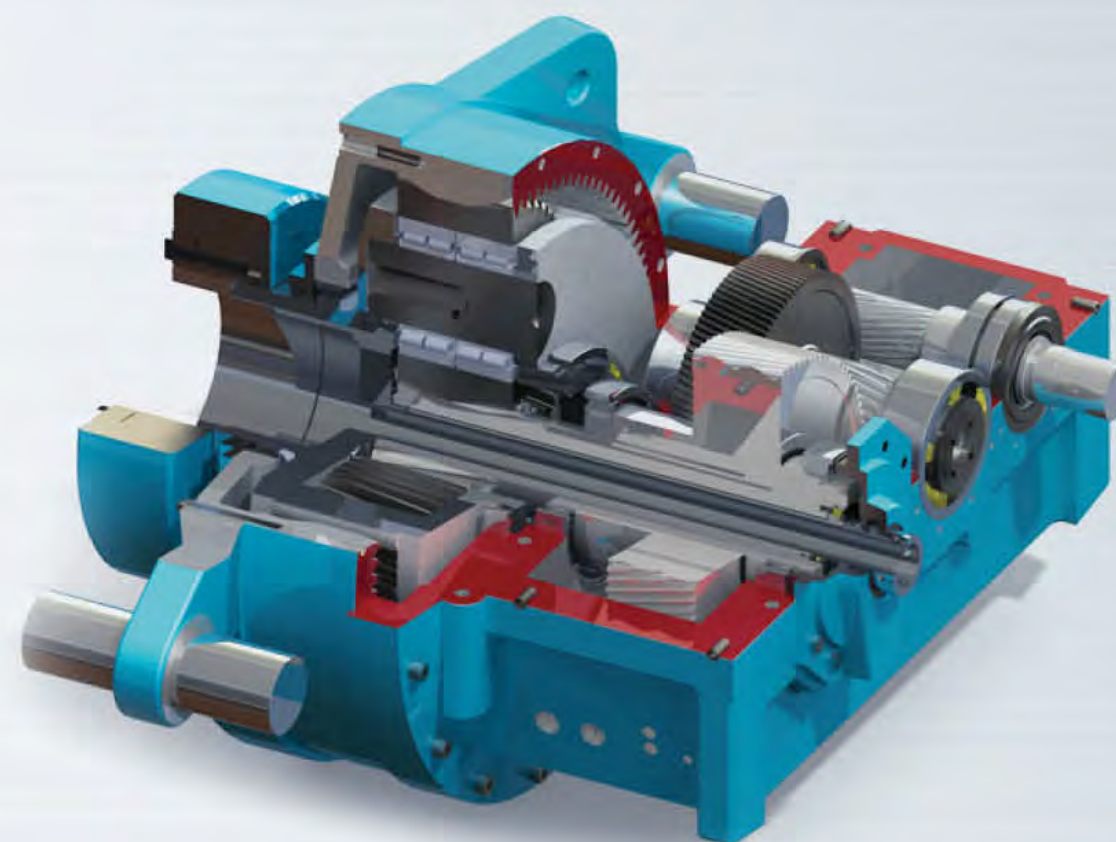
For 5000 HP Synchronic Electric Motor replacing plain bearings



Split Triple ring CRB Bore Ø 300 mm / Rollers with optimized raceway profile / outer ring with engineering coating / special housing made of cast steel.

Full Complement Cylindrical Roller Bearing

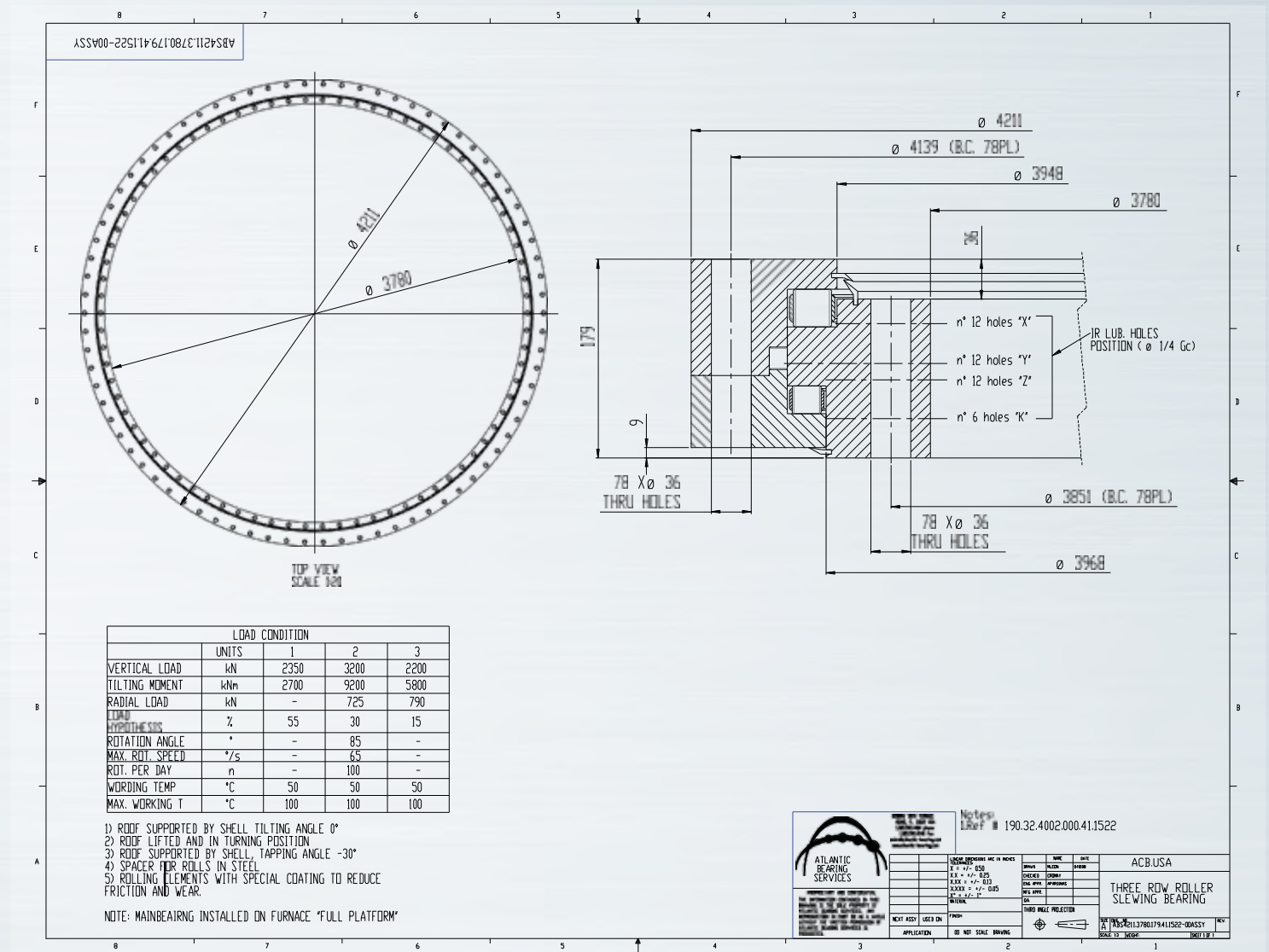
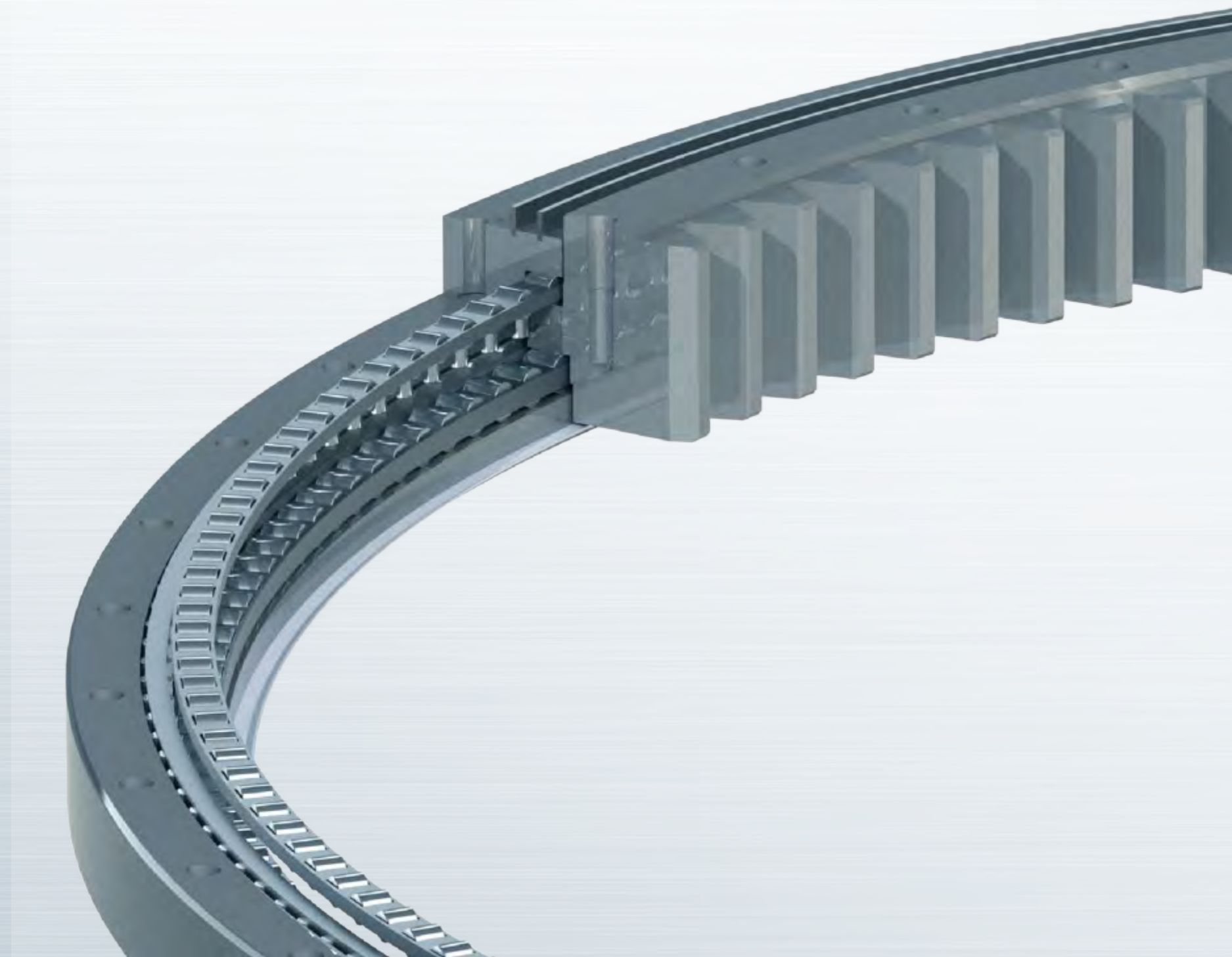
For planetary gear reducers with engineering surface coating



Split SRB with bore Bore Ø 17" (431.8 mm) / Brass machined cage / rings with special HT.
Replacing the traditional bronze sliding bearing for the ACB split SRB a sugar mill could save more than \$ 10000 per bearing per year* Feasibility study available on request.

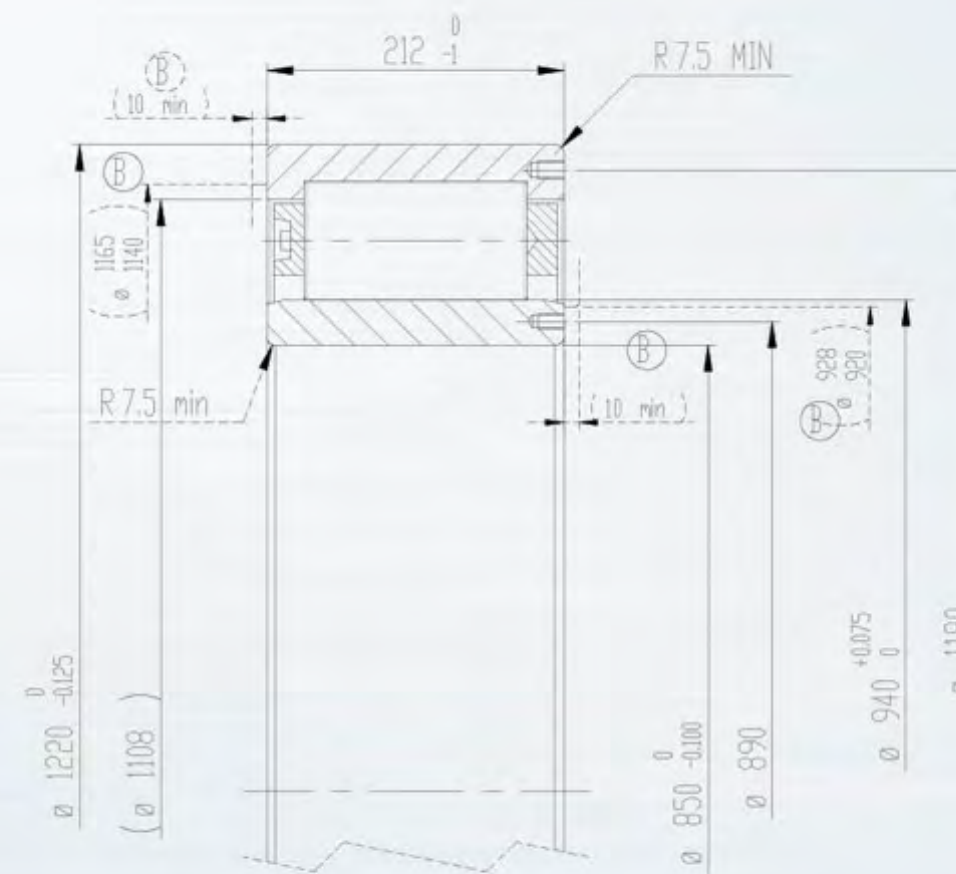
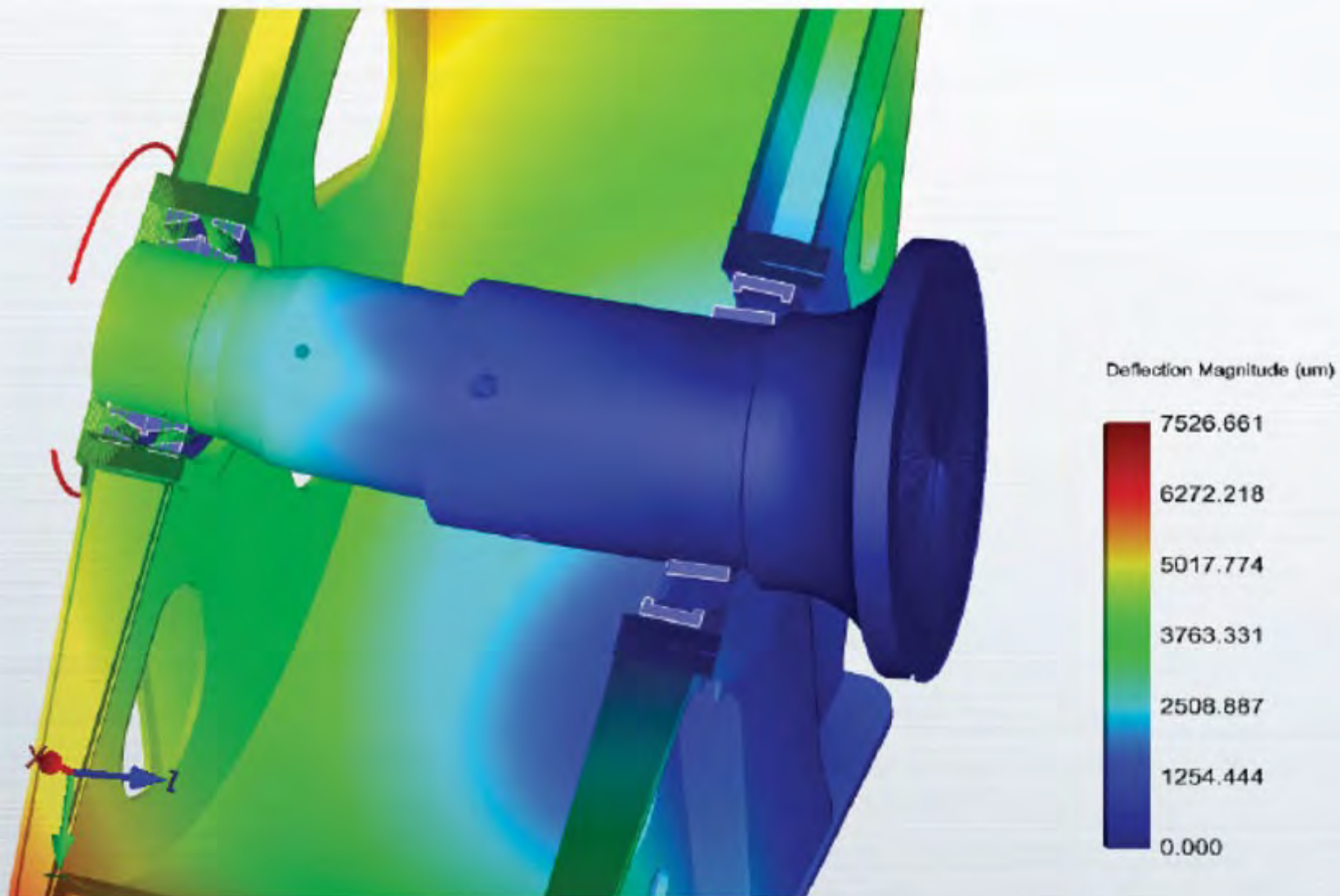
* Main saving concepts: Lubricant saving / Energy saving / water (for cooling) saving / others.

Large Three Row Cylindrical Roller Slewing Ring

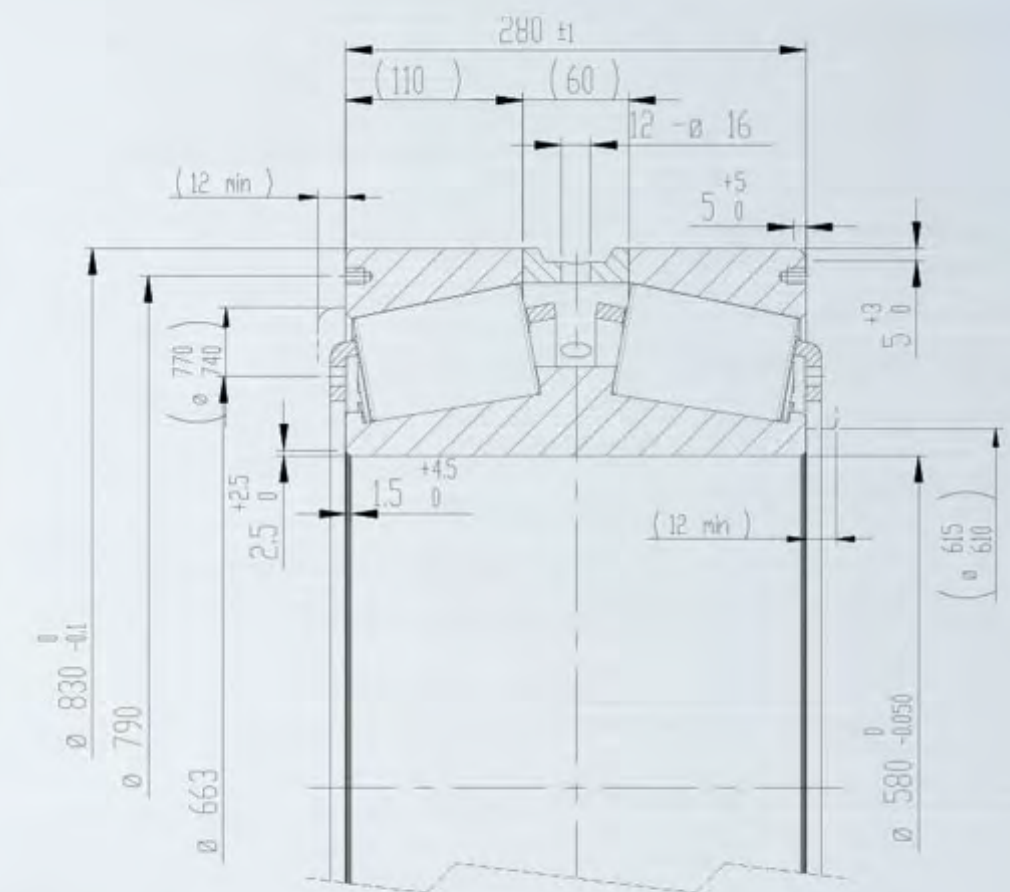


Three row slewing bearing for mining material reclaimer.
Bore Ø 4200 mm / Rollers with engineering surface coating / special cage / rollers with ultra optimized profile help to accommodate better the load when simultaneously the tilting moment and swining rotation are present.

TRB and CRB For Main Shaft Wind Turbine

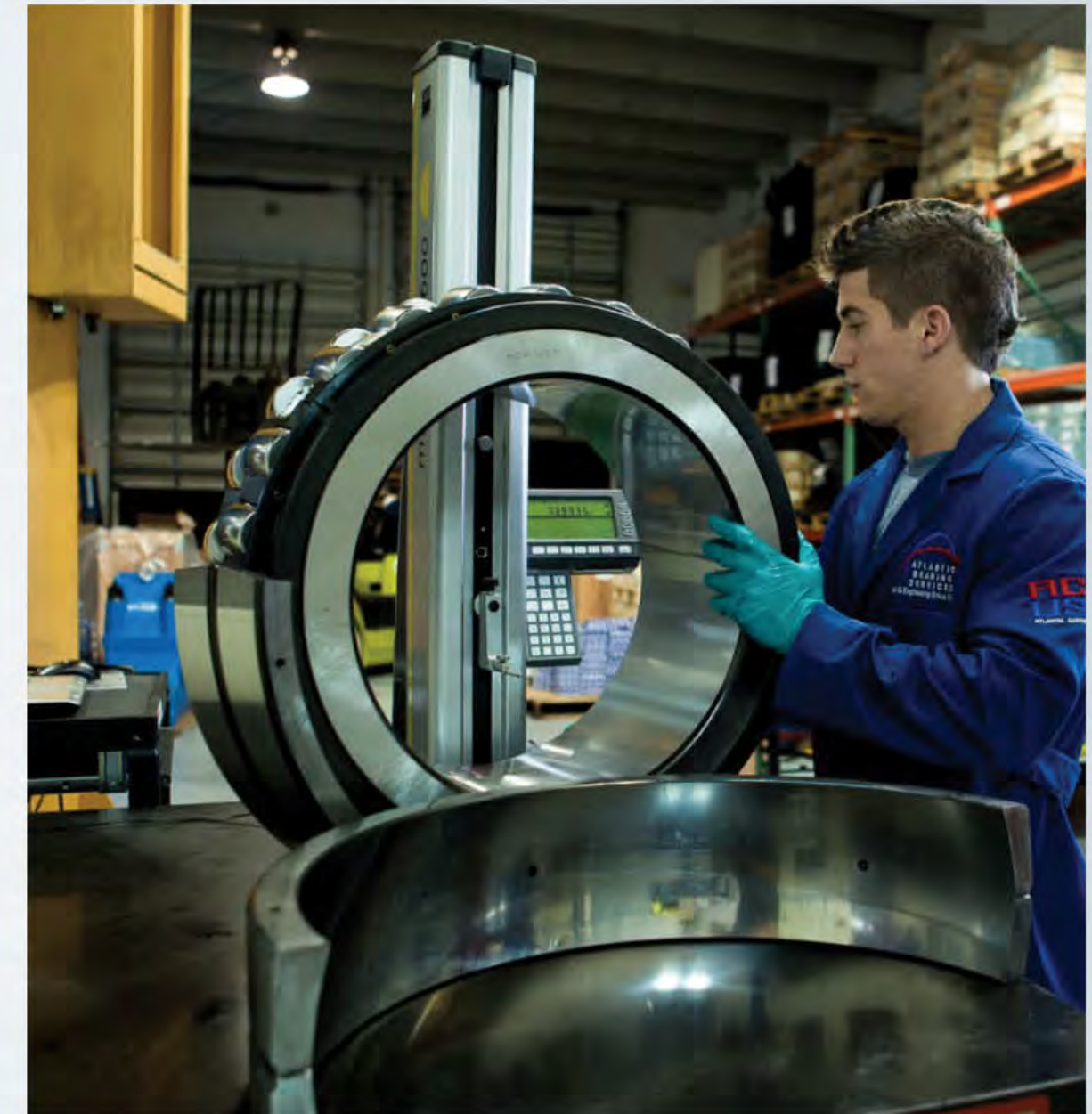
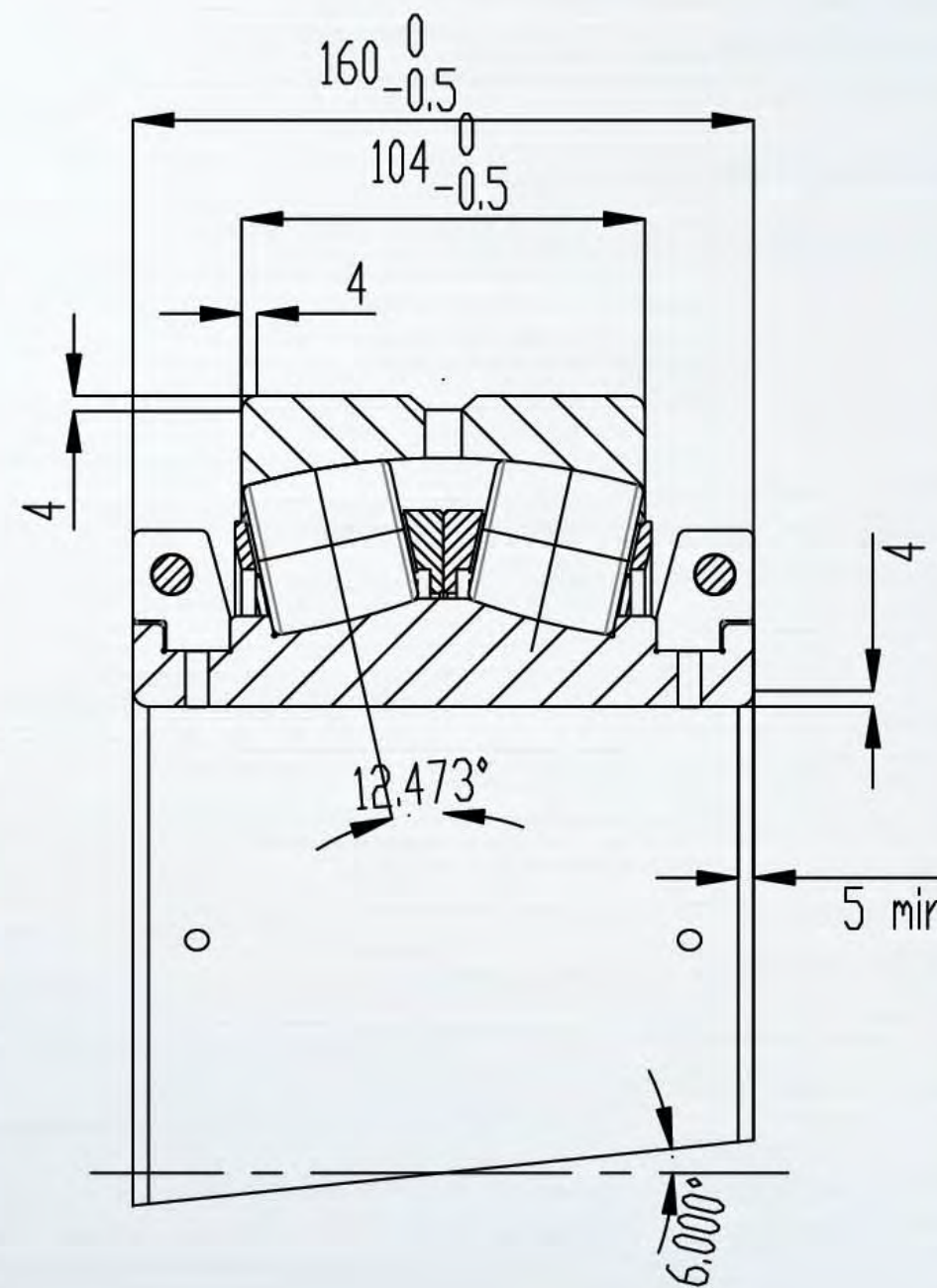


395301 One row CRB bore $\varnothing 850$ mm
Engineering coating on rollers



292401 TDI bore $\varnothing 580$ mm
Engineering coating on rollers

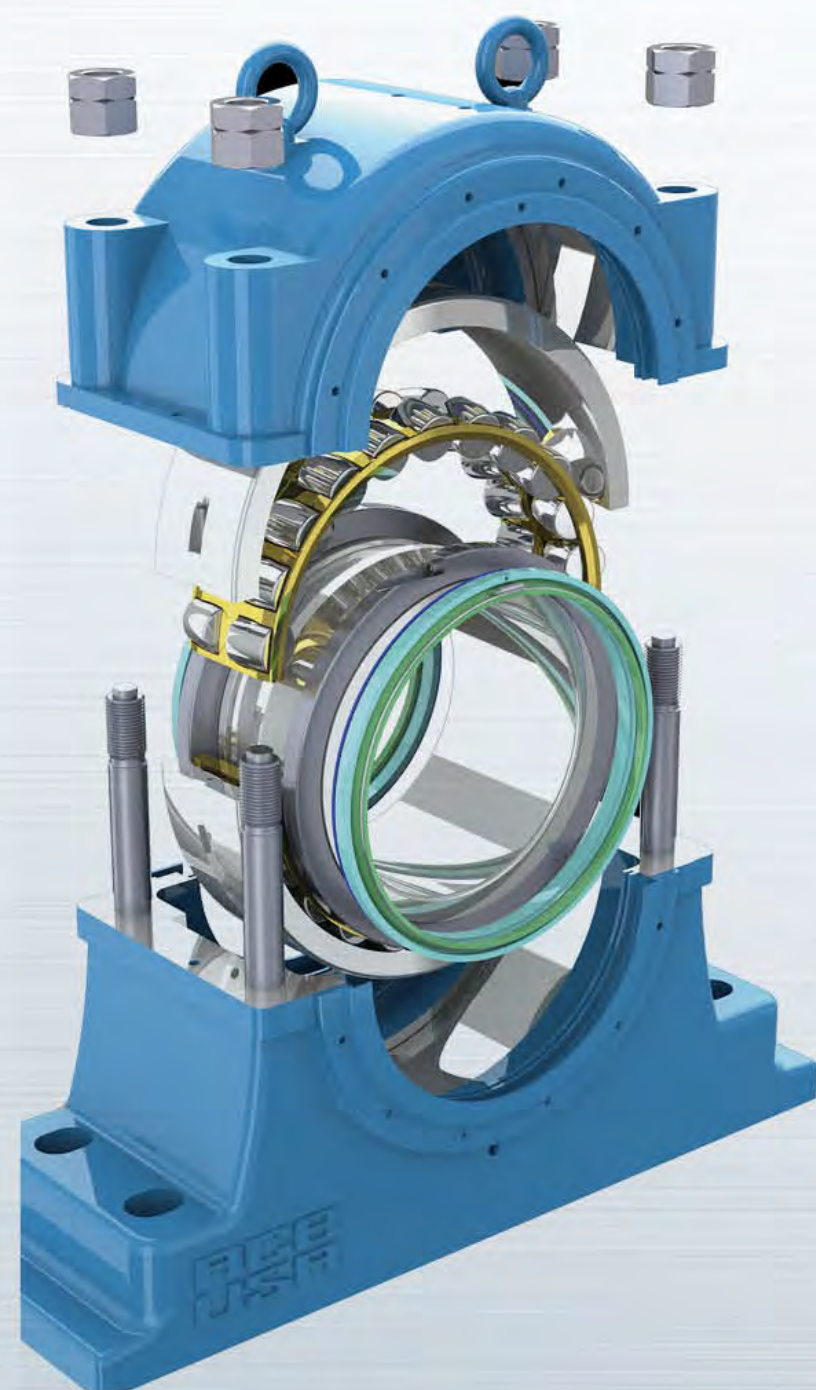
Split Spherical Roller Bearing Design



Split SRB with bore Bore Ø 17" (431.8 mm) / Brass machined cage / rings with special HT.
Replacing the traditional bronze sliding bearing for the ACB split SRB a sugar mill could save more than \$ 10000 per bearing per year* Feasibility study available on request.

* Main saving concepts: Lubricant saving / Energy saving / water (for cooling) saving / others.

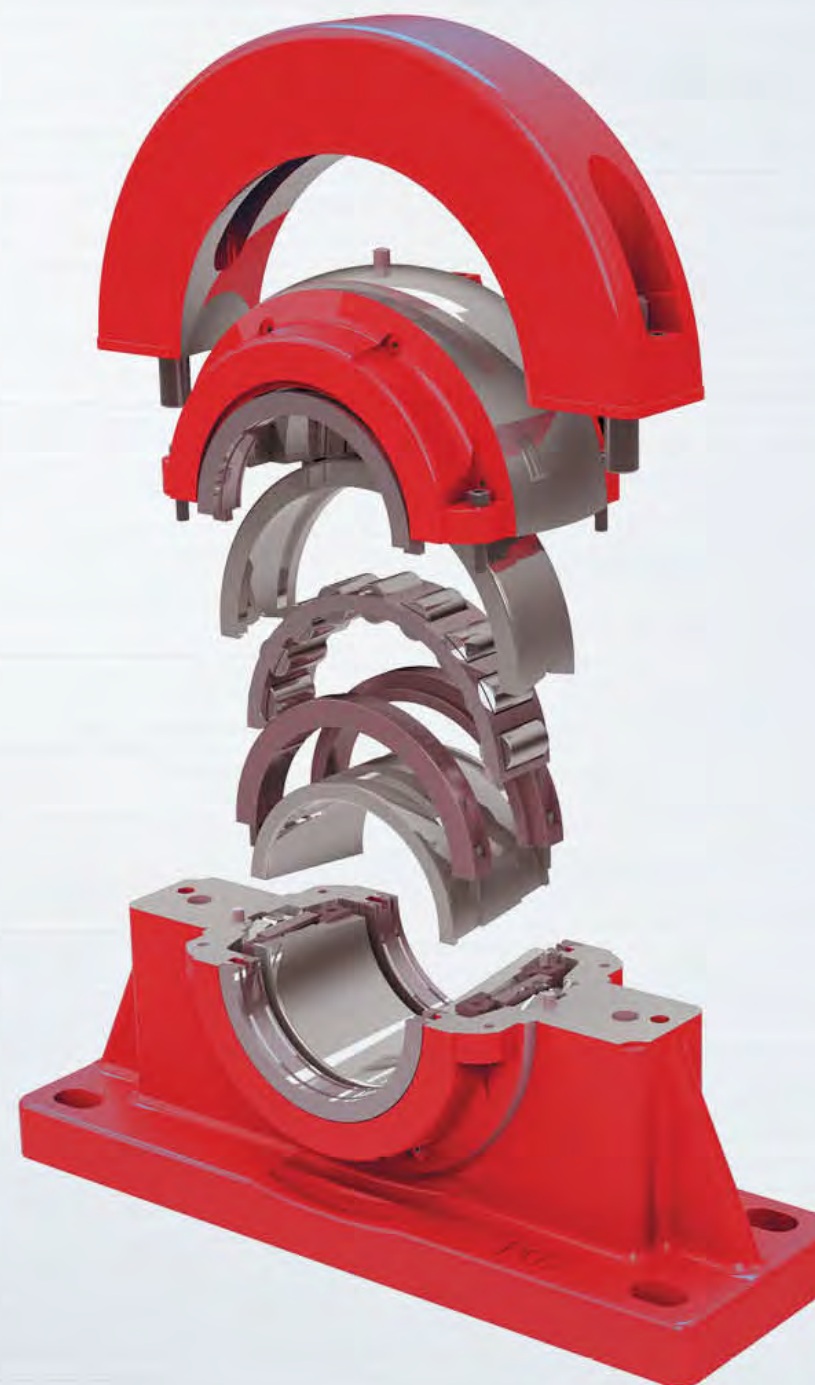
Split Spherical Mounted Roller Bearings Options



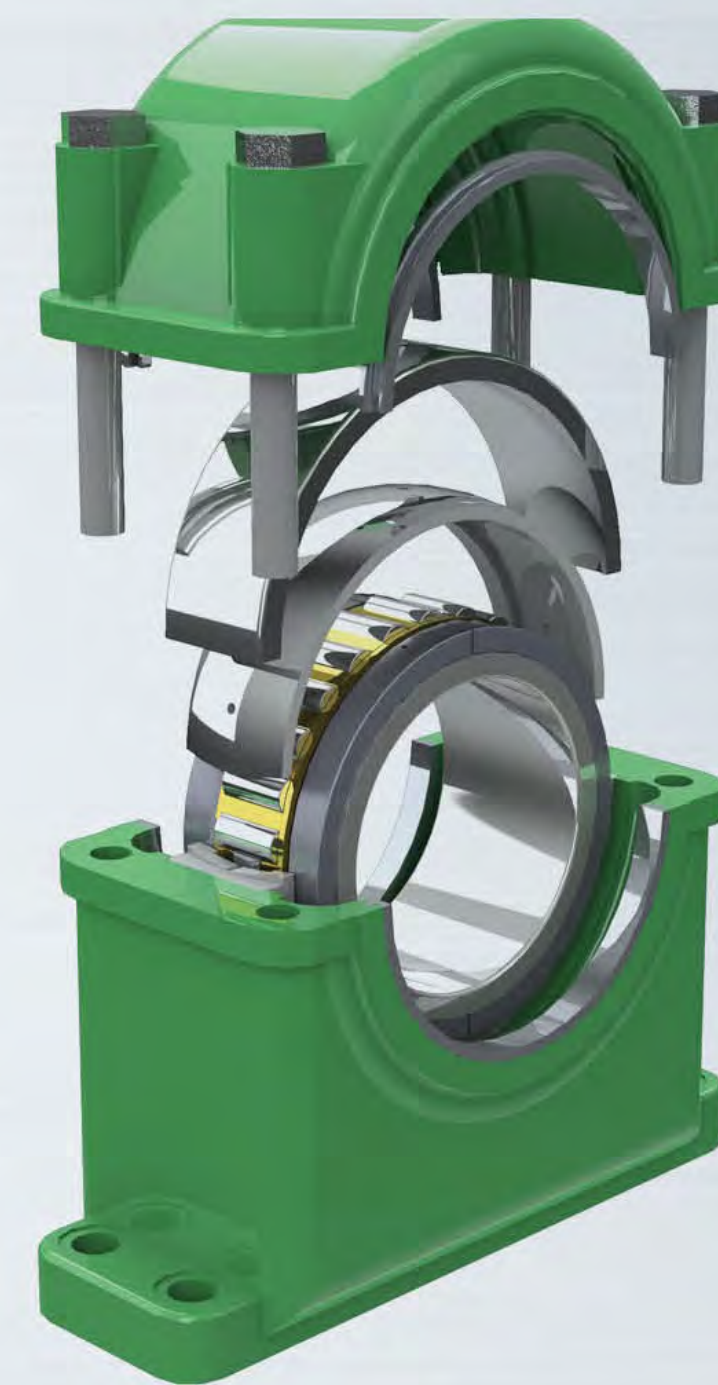
Sealed split spherical roller bearing unit



Sealed split spherical roller bearing unit.



Traditional split cylindrical roller bearing with cartridge and pedestal.



Triple ring split cylindrical roller bearing unit.