INTRODUCTION TO :

RADIAL BEARING

CORPORATION

Presented by: New Age Manufacturing Sales

Since 1955 Radial Bearing Corporation has Been Dedicated to the Manufacturing of Aircraft Quality Rod End & Spherical Bearings Right in Danbury, CT.

...Big Enough to Serve, Small Enough To Care.

Radial Bearing Corporation was founded in 1955 with the objective of producing and marketing quality products serving the military and commercial aircraft sectors.

Today, we offer a broad line of standard spherical and rod end bearings, as well as a variety of speciality bearings designed and manufactured to your specific requirements.

Our Quality Management System is registered to **AS9100/ISO 9001 (Design Included)** upholding our committment to total customer satisfaction and continuous improvement.

We welcome your inquires regarding both our standard product line and your special product needs.

ROD ENDS

Radial Bearing rod ends are constructed using the three-piece style, consisting of a body, ball, and race. This design offers flexibility in that many different types of metals can be substituted, depending on the end user's special application.

SPHERICAL BEARINGS

Radial Bearing spherical bearings are manufactured using a one-piece race type construction. Lubrication grooves and holes at 180° provide a ready means of re-lubrication after installation. Various metals can be substituted for special applications.

SELF-LUBRICATING ROD ENDS AND SPHERICAL BEARINGS

We also offer self-lubricating polytetrafluoroethylene (PTFE) fabric liners on most of our rod ends and spherical bearing series. These self-lubricating bearings are specifically designed to eliminate the need for grease re-lubrication within a temperature range of -65° to +300°F on normal applications. This liner provides improved frictional characteristics and never requires lubrication. When temperatures are expected to exceed the range shown or applications involve high loading, vibration or high surface speed, please consult our engineering department for other available liners.

CUSTOM APPLICATIONS

If your needs are not met by our standard product line, our engineering department is ready to work with you on your special design requirements, utilizing a wide variety of combinations of materials for bearing components.

Radial has many years of experience in finding sound, economical solutions to your requirements. In many instances we will design and manufacture the completed assembly; in others, the fabricated housing is supplied by the customer, and we add the bearing components.

RADIAL Rod End Bearings

Precision Series

RM/RF	General Purpose Precision
RM/RF, RM-H/RF-H, RM-T/RF-T, RM-TH/RF-TH	Large Bore Rod Ends, Metal to Metal and PTFE Lined
RM-T/RF-T	General Purpose Precision, PTFE Lined
RM-H/RF-H	High Strength Precision
RM-TH/RF-TH	High Strength Precision, PTFE Lined
XRM/XRM-H	Heavy Duty Shank
XRM-T/XRM-TH	Heavy Duty Shank, PTFE Lined
REMX	Extra Capacity

Aerospace Series

REM-TH-5/-6	Male, High Strength, PTFE Lined
REF-TH-5/-6	Female, High Strength, PTFE Lined
XRM-TH-5/-6	Male, PTFE Lined, Hvy Dty Shank, High Perf.
XRF-TH-5/-6	Female, PTFE Lined, Hvy Dty Shank, High Perf.
RMYT-H	Male, PTFE Lined, High Misalignment

Our Selection of Rod End Configurations are Second to None, Giving Us the Ability to Meet Any of Your Needs

Need a Spherical Bearing for a Customer or Your Own Application ?
We Can Make Precisely What You're Looking For, Always Striving to Exceed Your Expectations

RADIAL Spherical Bearings

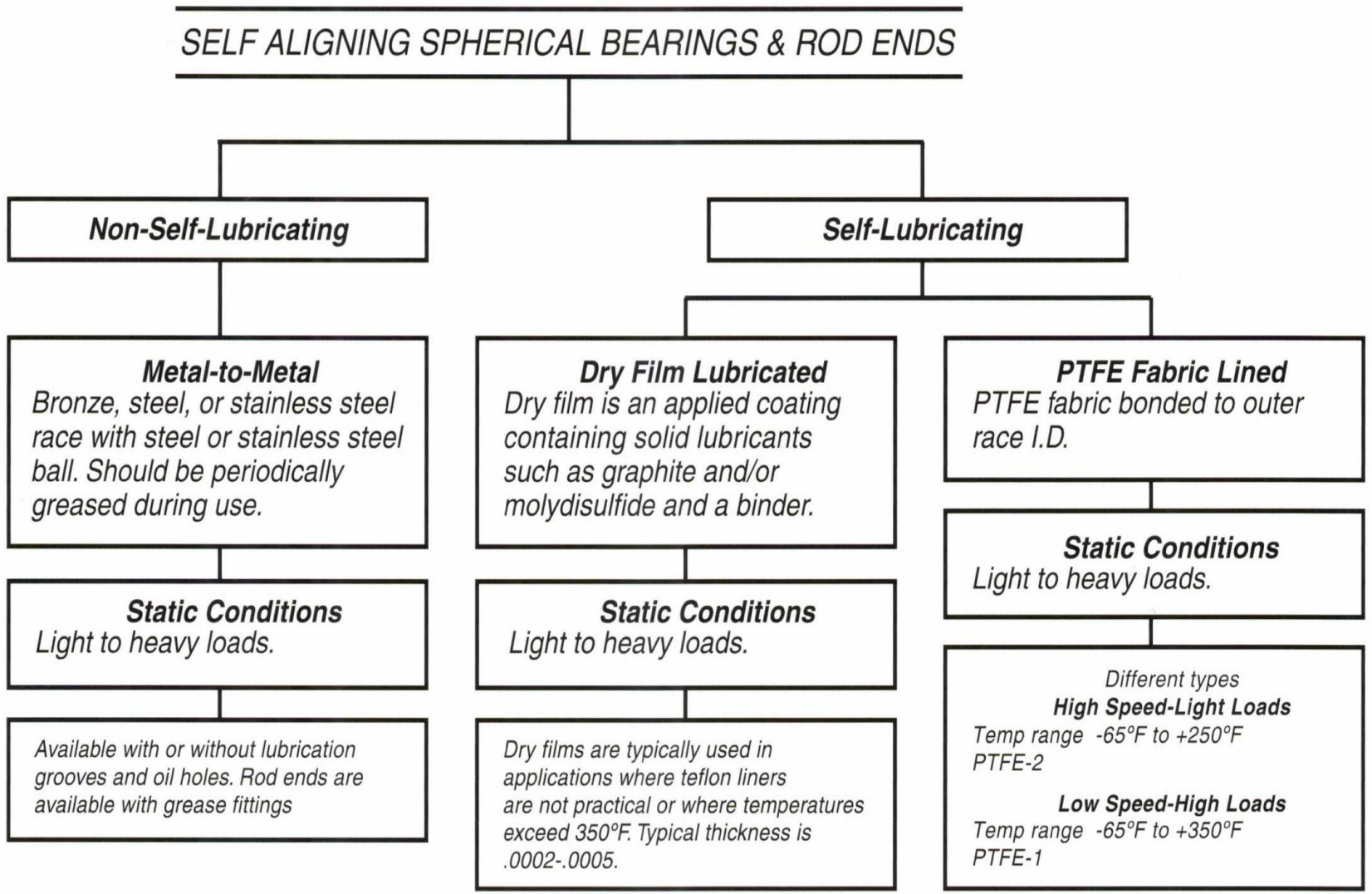
Commercial Series

CRS	Commercial
RW/RW-V	Wide Standard Series
R, RB, RS, RSS, RCR, R-SS	Precision Metal to Metal series
RSH	Heavy Duty

Aerospace Series

RPHT/RPHT-V	Narrow, PTFE Lined
RWT/RWT-V	Wide PTFE Lined
RYT/RYT-V	High Misalignment, PTFE Lined

BEARING CLASSIFICATION CHART



Wondering Which Type of Rod End or Spherical Bearing Is Right for You ? Here is a Classification Chart to Help You Decide


Have a Custom Design or Specific Material Needs for Your Project? We Will Work With You to Fulfill Your Exact Requirements

Have a Mil-Spec P/N and Can Accept an Equivalent? Radial Bearing Corp Will Provide You The Same Fit, Form & Function With Our Supplied P/N, Including a Certificate of Conformance to Certify its Compatibility and Guarantee Your Satisfaction

Quality Management System	Registered to **AS9100/ISO 9001** (Design Included)
Heat Treatment	SAE-AMS-H-6875
Magnetic Inspection	ASTM-E1444
Penetrant Inspection	ASTM-E1417
Zinc Plate	ASTM-B633
Cadmium Plate	SAE-AMS-QQP-416
Chrome Plate	SAE-AMS-QQ-C-320
Anodize	Mil-A-8625
Chemical Film	Mil-C-5541
Passivation	Mil-S-5002
Dry Film	Mil-PRF-46010

ASR
American Systems
REGISTRAR
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Wyoming, MI 49509 USA
www.asrworldwide.com
616-942-6273
ANAB ACCREDITED

American Systems Registrar, LLC, a provider of third-party system registration and accredited by the ANSI National Accreditation Board under the Aerospace Registration Management Program, in accordance with SAE AS9104/1 (2012-01), attests that:

RADIAL BEARING CORPORATION
21 TAYLOR STREET
DANBURY, CT 06810

with a scope of:

DESIGN AND MANUFACTURE OF ROD ENDS AND SPHERICAL BEARINGS

has established a quality management system that is in conformance with the International Quality System Standard

AS9100D & ISO 9001:2015

ASR Certificate Number:	4602
Certificate Structure:	Single Site
Date of Certification:	March 16, 2020
Date of Certification Expiration:	March 15, 2023
Date of Initial Registration:	August 13, 2005
Revision:	
Re-Issue Date:	

Richelle Kintzi
President

CERTIFICATE OF REGISTRATION

Radial Bearing Corp.

Manufactures its Products to the Highest Possible Standards in the Industry, Utilizing These Processes When Required to be Certifiable to Military, Federal and Customer Specifications

RADIAL	AURORA	NHBB	NATIONAL	FK	HEIM	MORSE
RM	MM	HAMR	MTSM	JM	HM	TRE
RF	MW	HAFR	MTSF	JF	HF	TR
RMX	KM					
RFX	KW					
RM-H	AM	HAMRX	TSMX	JMX	BHM	ARE
RF-H	AW	HAFRX	TSFX	JFX	BHF	AR
XRM	XM	AXM	RM	RSM		
XRM-H	XAM	XAMX	RMX	RSMX	HMX	
RM-T	MM-T	AMRT	MTSM-T	JM-T	HME	TRE-T
RF-T	MW-T	AFRT	MTSF-T	JF-T	HFE	TR-T
RM-TH	AM-T		TSMX-T	JMX-T		
RF-TH	AW-T		TSFX-T	JFX-T		
XRM-T	XM-T		RM-T	RSMX-T		
XRM-TH	XAM-T		RXM-T	RSMX-T		
REMX		AMRX-F	BMX-Z		HMX	ARE-20N
REM-TH-5/6	ASM-T	ANM/ARTE	SSAM-T		ME	
REF-TH-5/6	ASW-T	ANF/ART	SSAF-T		FE	
XRM-TH-6		ARHT-ECR	SSHM-T			
XRF-TH-6		ARHT-CR	SSHF-T			
RMYT-H	HXAM-T	ARYT-E				
RMYT-HSS	HXAM-T	ARYT-ECR				
CRS	COM		COM			COM
R					LHB	SBG
RB						
RS					LHA	SBG-S
R-SS					LHSS	SBG-SS
RCR					COS	COR
RSH	HCOM					BH-LS
RW/RW-V		ABW/ABW-V				
RPHT/RPHT-V	ANC-T/ANC-TG	ABT-ABT-V	NSSB/NSSB-V		NE/NEG	NE/NEG
RWT/RWT-V	AWC-T/AWC-TG	ADW/ADW-V	WSSB/WSSB	FKSST-1	WE/WEG	WE/WEG
RYT/RYT-V	HAB-T	ABYT/ABYT-V				

Note: The above interchanges are approximate and not intended to indicate that all manufacturers are functionally interchangeable in all applications.

Looking For a Source With Better Pricing Versus One of Our Larger Competitors? Maybe You Need a Shorter Manufacturing Leadtime of 14-16 Weeks?

WE CAN HELP !!!!

Whatever Your Motivation, Take the First Step by Using Radial Bearing Corp's Manufacturer Interchange List to Guide You to Your Next Purchase

Contact Radial Bearing Corp's Regional Outside Sales Specialist Today for More Information

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Northeast Region - MA, NY, CT, NH, ME, RI, VT