

*Serving Industries Worldwide*

# ***Corrugator Machine and Paper Mill Bearings***



*Manufacturers of Ball and Roller Bearings*



**SCHEERER**  
BEARING CORPORATION



*We understand that the ideal bearings for corrugator rolls will last the life of the rolls under proper operating and lubrication conditions. Scheerer Bearings are designed to meet that requirement.*

# **Maximize Lifetime. Minimize Maintenance.**



**S**cheerer is always thinking about the economics of its customers. We respect the tremendous investment that a corrugator and its associated converting equipment represents. We understand the expense of maintenance, repair and redundancy in manufacturing. Operational capacity is critical to profitability. For a partner who sees your big picture, you can count on Scheerer.

#### **The Right Bearing + The Right Lubrication = Optimum Life**

Manufacturing Maintenance Managers would ideally like the critical bearings to last the life of the corrugator rolls. New coatings can significantly increase the life of the rolls. That makes the quality and condition of the bearings even more critical in order to maximize efficiency and minimize expensive downtime.

#### **Designed for Every Corrugator Manufacturer**

Scheerer bearings are designed to perfectly match the specifications of every corrugator manufacturer as well as slitters, printers, tapers, gluers, stitchers, folders, diecutters, laminators and conveyors. Our corrugator customers rely on Scheerer for competitive advantage. We understand that small modifications can mean dramatic productivity gains. Talk to Scheerer about how to get the most from your bearings.

# ***Serving the Corrugator Industry for Nearly Half a Century***



## **Radial Roller Bearings with Self-aligning O.R.**

Single and Double Row Self-aligning cylindrical roller bearings allow the bearing to operate under the best conditions even under severe misalignment to provide the highest operational reliability and longest service life. They are produced in both "axially-fixed" and "axially-floating" configurations. The latter compensates for thermally induced elongation and expansion.



## **Corrugator Roller Bearings**

Corrugator Cylindrical Roller Bearings are specifically designed to allow axial movement of the rings. This floating configuration allows dynamic compensation of axial movements.

## **Guarantee**

Scheerer Bearing guarantees that any bearing we manufacture or rework is free from defects in workmanship or material. Any bearing which is proven to be defective within one year from date of purchase will be replaced or reworked free of charge if the defective bearing is returned, charges prepaid, to Willow Grove, PA and the bearing is found to have been properly installed, lubricated, and used.

## **We Routinely Rebuild Ultra-large Bearings up to 100 in. O.D.**

Our rebuild capabilities include radial ball and roller bearings, ball and roller thrust bearings from 2 inch I.D. to 100 inch O.D. in many different designs and materials. Scheerer will rebuild any type or style of bearing from any manufacturer.

## **You Know in Advance What You Are Getting and How Much it Will Cost**

When you send us your bearings, our technicians inspect them thoroughly on arrival. A simplified rating system is used to determine the work needed to restore the bearing's operational parameters and a firm estimate is prepared.



# ***Predictive Maintenance, Bearing Optimization and Other Best Practices***

*At Scheerer Bearing, customers will find engineering and productivity partners at your service — from design and specification to installation and operational monitoring.*

## **Predictive Maintenance of Critical Bearings**

Predictive maintenance of critical bearings in high productivity environments like paper and corrugated board manufacturing has become fundamental to minimize unscheduled downtime.

Scheerer Bearing works with customers to monitor and inspect bearings throughout mill operations. Our experts can help identify early signs of fatigue and component failure that could easily go unnoticed by an untrained eye.



## **Bearing Optimization. The Right Bearing in the Right Place**

Our diverse experience across the entire spectrum of bearing types ensures you have the optimum bearings for the various needs of paper manufacturing.

Bearings that compensate for misalignment, simplify lubrication and incorporate advanced, high-durability materials suited for the rigors of heavy industry are all considerations to maximize your plant efficiency.

## **Installation and Proper Lubrication**

It seems so obvious, but industry studies show that incorrect installation and improper lubrication programs are the most common causes for bearing failure and unplanned mill shutdowns. Work with us to ensure your maintenance team fully understands how to install the bearing and the complexities of lubrication. As they say, knowledge is power. We've served leading mills and corrugators for decades. Put our knowledge to work for your operations.



# ***Bearing Rebuilding & Reconditioning Program***

*The photographs below represent (left) a bearing submitted for reconditioning, and (right) the bearing as it would leave our reconditioning facility.*



## **Rebuilding vs. Replacement: The Advantage is Obvious**

Scheerer can typically rebuild a large bearing and deliver it to you in a fraction of the time required to manufacture a new bearing. We also provide emergency repair service (sometimes within a 24-hour period).

With companies looking ever closer to the bottom-line, we find customers with large bearing investments are looking to us to help them maximize the service lifetime of their bearings and their heavy machinery. Some companies schedule planned reconditioning of critical bearing components to ensure business operations stay on schedule at maximum output.

## **Serving All Major Industries**

Whether your application is earth moving, mining, pulp and paper manufacturing, wind energy, oil drilling, steel, utilities, material handling or transportation, we can reduce your downtime with our high-efficiency quick-turn rebuild and reconditioning program.

## **We Routinely Rebuild Ultra-large Bearings up to 100 in. O.D.**

Our rebuild capabilities include radial ball and roller bearings, ball and roller thrust bearings from 2 inch I.D. to 100 inch O.D. in many different designs and materials. Scheerer will rebuild any type or style of bearing from any manufacturer.

## **You Know in Advance What You Are Getting and How Much it Will Cost**

When you send us your bearings, our technicians inspect them thoroughly on arrival. A simplified rating system is used to determine the work needed to restore the bearing's operational parameters and a firm estimate is prepared.

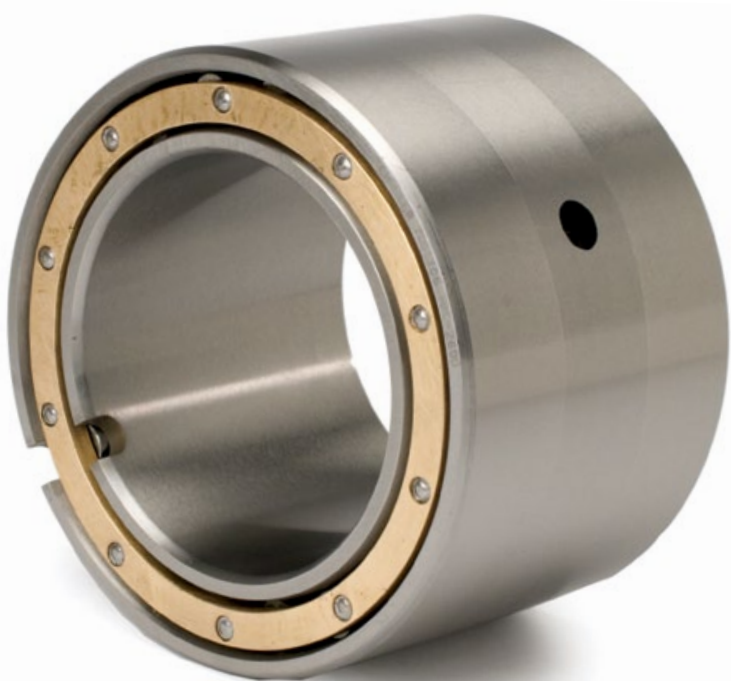
***Fraction of the Time. Fraction of the Cost.***  
*Factor in a Reconditioning Program for New Bearings.*

# Corrugator *Bearing Interchange*

Following is only a partial list of corrugator bearings manufactured by Scheerer Bearing Corporation. Please keep in mind that we can manufacture replacement bearings from existing and special designs, and provide

a direct-replacement interchange to other manufacturers' bearing part numbers. We also offer repair services on these bearings. If you need assistance, please contact us at 215-443-5252.

Scheerer	Rollway	American	Torrington	Langston	Koppers
RT-5219-108	LP-5219-U-108			15504-A	
RT-5218-101	LP-5218-U-101	ADA5218LC		10867	
RU-5218-101	E-5218-U-101	AD5218LC		10866	
RU-5219-109	E-5219-U-109			15503	
SBC-2600	X4819	SCS1431A	L-2192-B	X-20450	WA-12370
SBC-2616	D-900864-325	HCS2488A	L-2227-C	104813	
SBC-2616-SP	D-900864-326	HCS2489A	L-2226-C	104787	
SBC-3298	MU-5526-109	SA50ADA852A	L-2193-C	104785	
SBC-3299	MUC-5526-109	SA50AD852A	L-2188-C	104786	
SBC-5530	MU-5530-101	SA50ADA4530A			
SBC-5531	MUC-5530-101	SA50AD4530A			
SBC-9225	Y2939	SCS1538	L-2193-C		R-39747-E
SBC-11712	Y2795	HCS2553	K-1125-C		WA-11712
SBC-11851	Y2796	A486EC	K-1124-C		WA-11851
SBC-11852	Y27961	A486ECR06			
10110-SP	CS-5220-107	HCS-2345		X-20586	



# Paper Mill Bearing Interchange

Following is only a partial list of paper mill bearings manufactured by Scheerer Bearing Corporation. Please keep in mind that we can manufacture replacement bearings from existing and special designs, and

provide a direct-replacement interchange to other manufacturers' bearing part numbers. We also offer repair services on these bearings. If you need assistance, please contact us at 215-443-5252.

Scheerer	Messinger	American	Torrington		
10215-RINU	6600	A-6600-12186			
10169-RINU	7157	A-7157-9146			
10126-SP	7196	A-7196-7116			
10032-SP	7768	ADA-7768-5104			
10656-RT	7861	ADA-7861-494			
10035-SP	8041	ADA-8041-374			
10337-SP	8756	AM-8756-493			
10432-RN	10369	AM-10369-493	B-3965-C		
10140-SP	10695	AE-10694-12173	B-5679-C		
10141-SP	10695	AE-10695-16213			
10100-SP	10783	AE-10783-7101			
10193-SP	10793	AE-10793-8122			
10202-SP	12205	AXR-12205-12172			
10165-SP	12358	AXR-12358-8112			
7158-4P	12394	AXR-12394-10142			
10116-RIN	16161	AM-16161-594	B-4591-B		
10157-SP	22971	ACRT-22971-3811			
10450-CRT	22972	ACRT-22972-51011			
10892-SP	22974	ACRT-22974-3811	B-5802-B		
10072-SP	8351	AD-4436			
10298-SP	6008	AD-6008-473			
10016-SP	3906				
10438-RIC	4726		B-1914-B		
10022-SP	5189				
10023-SP	5190				
10306-SP	6377				
10738-SE	7840				
10739-SE	7841				
10037-SP	9632				
10038-SP	9633				

# ***Scheerer Product Line & Services***

## **RADIAL BALL BEARINGS**

Single Row Deep Groove  
Double Row Deep Groove  
Angular Contact  
Double Row Angular Contact  
Max-Capacity  
Self-Aligning  
Four Point Contact  
Split Inner Race  
Reciprocating  
All Special Types

## **BALL THRUST BEARINGS**

Flat seat-Grooved Races  
Flat seat-Flat races  
Self-Aligning  
Banded  
Single or Double Acting  
Combination  
Angular Contact  
All Special Types

## **OTHER PRODUCTS**

Combination Radial and Thrust Bearings  
Large Diameter to over 100"  
All Types of Special Bearings  
Hardened and Ground Sleeves  
Bearing Components  
Slewing Ring Bearings

## **RADIAL ROLLER BEARINGS**

Cylindrical  
Single Row  
Multi-Row  
Cross Roller  
Journal  
All Special Types

## **ROLLER THRUST BEARINGS**

Plain Type  
Washers Only  
Self-Aligning  
Crane Hook  
Combination  
Single Acting  
Double Acting  
All Special Types

## **SERVICES**

Bearing Repair and Reconditioning  
Clearance Changes  
Bore Tapering  
Flush Grinding & Preloading  
W-33 and W-26 Feature Additions  
Snap Ring Grooving  
Inspection Services  
Ceramic Ball Installation  
Special Coating Applications



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***Corrugator Machine Bearings***