

MCGILL®



MCGILL® BEARINGS

CAN MAKING SOLUTIONS

REGAL®

MCGILL® BEARING

DESIGNED AND DEVELOPED FOR SPEC

The Industry Leader...

The McGill® cam follower bearings were invented in 1937 and were the first ever needle bearing cam followers. Since that time, the McGill® CAMROL® cam follower bearing line has maintained its leadership position through development of innovative solutions to the problems faced by the industry.

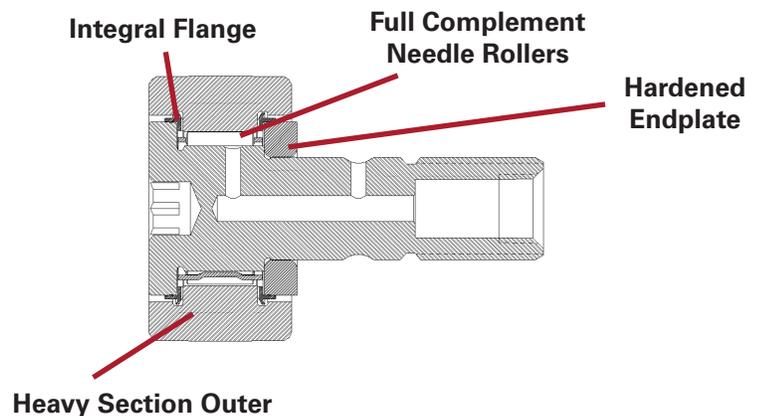
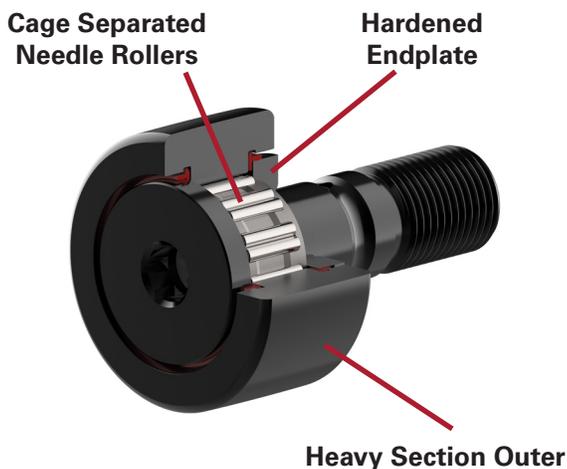
In the can making industry, customized McGill cam followers have been a trusted industry leading solution for over a quarter of a century. Customers rely on our highly engineered custom solutions to solve a variety of situations such as incidental thrust loads, higher speeds, or contamination. These unique solutions can provide significant operational life compared to standard cam followers.



CF-2965-2

The McGill® CF-2965-2 bearings feature:

- **Cage separated needle rollers** balance the need for operating speed and load rating.
- **Integral steel flange** prevents disassembly in thrust load situations.
- **Heavy section outer** helps support radial loading and provide proper rolling elements.
- **LUBRI-DISC® bearing seals** help retain grease and keep out contaminants, as well as separate internal sliding contact resulting in lower operating temperatures.
- **Zone hardened raceways** provide high load ratings, and the ductile stem gives strength for absorbing shocks.
- **Hardened endplates** resist wear from incidental contact with outer rollers.



CAN MAKING SOLUTIONS

SPECIALIZED SEVERE DUTY APPLICATIONS

UPGRADE TO MCGILL® BEARING CUSTOMIZED SOLUTIONS!



CFD-506

McGill® Customized Solutions

APPLICATION	OEM REFERENCE	MCGILL	RBC
Necker	Belvac 2700693	CF-2965-2	CRBC15/814
Necker	Belvac C41067 Belvac C56259	CFD-506	CRBC15/814



CF-2965-2

ALSO AVAILABLE FOR YOUR CAN PLANT

McGill® Bearing Customized Solutions

APPLICATION	MCGILL	RBC	OEM REFERENCE
Bander	CFH 1/2 SB	H16LW	Fleetwood
Basecoater	CFH 2 1/2 SB	H80LW	
Decorator	CCF 1 5/8 S	CRBC15/8	
	CCFE 1 1/8 SB	CS36LWX	
	CCFH 1/2 SB	CH16LW	
Decorator Ink Stations	CCF 1 5/8 SB	CRBC15/8	
	CF 1 1/8 SB	S36LW	Crown
Indexer, Inside Spray Machine	CFH 288 1	F76186	
Palletizer	CF 1 3/8 S	RBC13/8	Goldco
	CFE 1 3/8 SB	S52LWX	Goldco
Pin Oven Take Up Stand	CF 4	RBC4	
Tester	CF 1 3/4 SB	RBC13/4	
	CFH 1 SB	H32LW	
Trimmer	CCF 1 1/2 SB	CRBC11/2-OH	Belvac C20043
	CCF 1 3/4 SB	CRBC13/4OH-19	Belvac C20046
	CF 1 1/4 S	RBC11/4	Belvac
	CF 5/8 SB	S20LW	Belvac C20087
	CFH 5/8 23	F76115	Belvac 102004-CC52
	CFH 5/8 SB	H20LW	Belvac C20087
	MR 16	SJ7194	

Standard Yoke McGill® Cam Followers

APPLICATION	MCGILL	RBC	OEM REFERENCE
Bander	CYR 3/4 S	Y24L	Goldco
Necker	CCYR 1 3/4 S	CRBY13/4-OH	American National Can
Pallet Elevator	CYR 1 3/4 S	RBY13/4	
Palletizer	CYR 7/8 S	Y28L	
	CYR 1 S	RBY1	
	CYR 1 1/4 S	RBY11/4	Goldco 100164
	CYR 1 1/2 S	CRBY11/2	Goldco
	CYR 2 1/2 S	RBY21/2	
Trimmer	CYR 3/4 S28	Y24L	Belvac
	CYR 3/4 S	Y24L	Belvac
	CYR 1 1/4 S	RBY11/4	Belvac 3000773

Standard Sealmaster® Bearings

APPLICATION	SEALMASTER	RBC	OEM REFERENCE
Trimmer	ER 19	ER19	Belvac C20004
	ER 16	ER16	Belvac C20003

**TRUST THE INVENTOR.
TRUST MCGILL®
BEARINGS.**



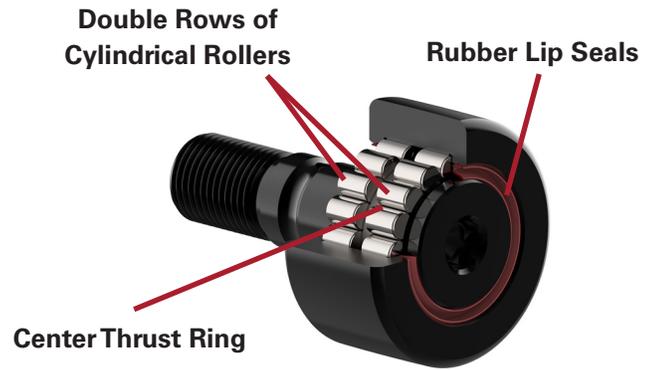
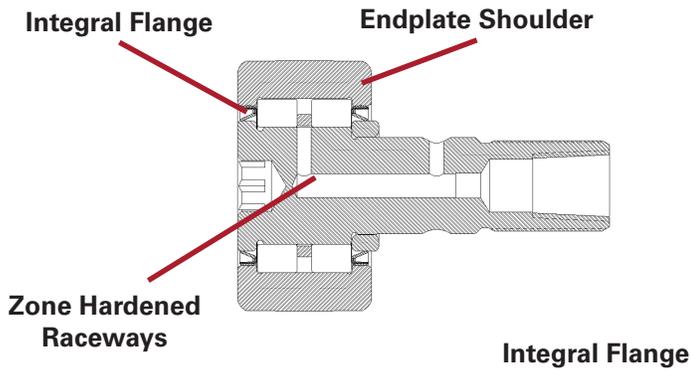
Trusted McGill® Bearing Quality Features

The McGill® CFD-506 cam follower bearing solution is designed with tough applications in mind, and maintains a quality, robust design unique to McGill bearings.

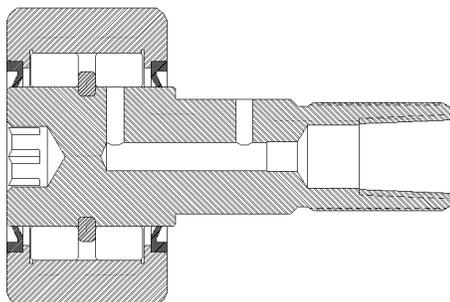
- **Double rows of cylindrical rollers** help the bearing take incidental thrust that is oftentimes seen in canmaking operation.
- **Zone hardened raceways** provide high load ratings, and the ductile stem gives strength for absorbing shocks.
- **Integral steel flange** in the study type prevents disassembly in thrust load situations.
- **Center thrust ring** provides a smooth surface for thrust load carrying and roller guidance.
- **Rubber Lip Seals** improve grease retention and provide protection against contamination.



CFD-506



OTHER DESIGNS SEEN IN THE MARKET



Other designs use ONE center snap ring to serve TWO purposes.

- Hold Bearing Together
- Support Thrust Loads in Applications

Why is this a problem?

The center snap ring has an interrupted surface (gap), which has a possibility to cause issues in thrust load applications. The thrust loads that are present in can making applications may cause the rollers to push against the snap ring, thus potentially damaging the snap ring and causing bearing disassembly.

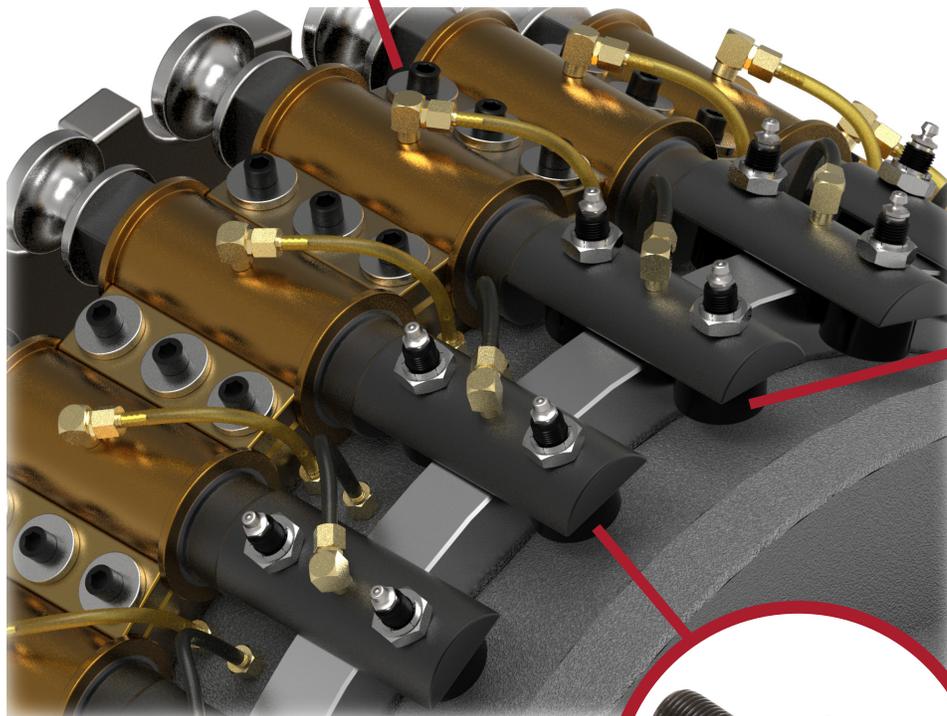
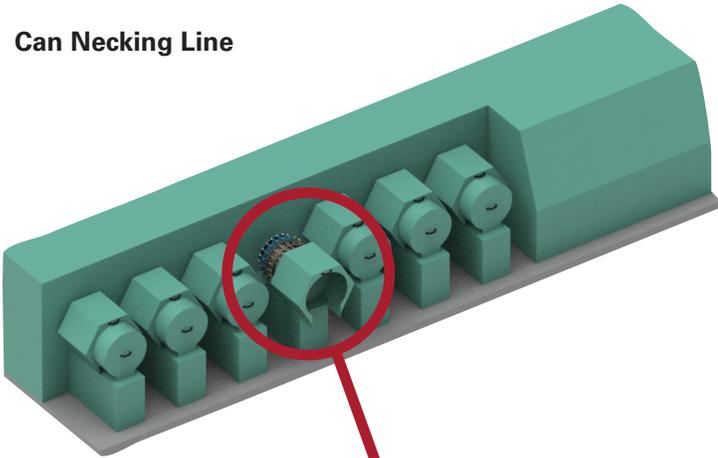
The McGill® CFD-506 bearing Custom Solution

The use of an **integral steel flange** and an **endplate shoulder** prevents disassembly in thrust load applications. The **center thrust ring** provides a smooth uninterrupted surface for thrust load carrying and roller guidance.

MCGILL® BEARING CAN MAKING SOLUTIONS

MCGILL® BEARING SOLUTIONS IN A CAN NECKING APPLICATION

Can Necking Line



Necking Turret

What **if**...

one source took
you further?



McGill CFD 506 bearings incorporate a double row cylindrical roller complement designed to support combined thrust and radial loads as well as rubber lip seals to better retain grease.



McGill CFD 2965 2 bearings incorporate a caged needle complement to support speed and radial load.

TRUST THE INVENTOR. TRUST MCGILL® BEARINGS.

McGILL®

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APPLICATION CONSIDERATIONS

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