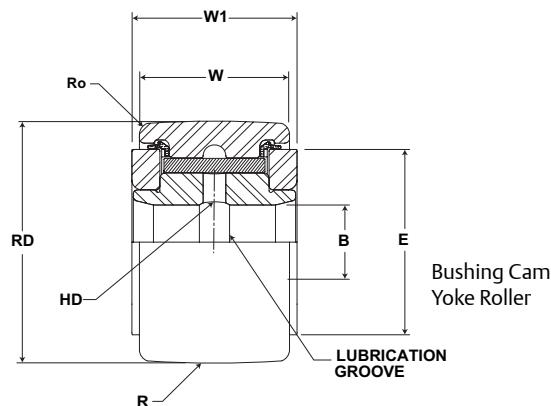




- Basic Construction Type:** Yoke Type Crowned / Cylindrical Outside Diameter
- Rolling Elements:** Non-Metallic Bushing
- Bearing Material:** Bearing Quality Steel
- Seal Type:** LUBRI-DISC®
- Lubrication:** None - Self Lubricating Bushing
- System Configuration:** Concentric / Eccentric / Heavy Stud
- Mounting Feature:** Slot / Hex Hole



BCYR

Part No.	RD		W		B		W1	R	Track Roller Dynamic Rating	Track Roller Static Rating
With LUBRI-DISC Seals	Roller Diameter		Roller Width		Bore Diameter		Endplate Extension	Crown Prefix BCCYR-XX		
	inch mm		inch mm		inch mm		inch mm			
	Nom.	Tol.	Nom.	Tol.	Nom	Tol	(Ref)	Radius		
BCYR 3/4 S	.750 19.05	+0/- .001 +0/- .03	.500 12.70	+0/- .001 +0/- .03	.250 6.35	+ .0002/- .0004 + .0005/- .0010	.56 14.3	Cylindrical	See Load-Speed Chart	
BCCYR 3/4 S								10 254		
BCYR 7/8 S	.875 22.23	+0/- .001 +0/- .03	.500 12.70	+0/- .001 +0/- .03	.250 6.35	+ .0002/- .0004 + .0005/- .0010	.56 14.3	Cylindrical	See Load-Speed Chart	
BCCYR 7/8 S								10 254		
BCYR 1 S	1.000 25.40	+0/- .001 +0/- .03	.625 15.88	+0/- .001 +0/- .03	.313 7.94	+ .0002/- .0004 + .0005/- .0010	.69 17.5	Cylindrical	See Load-Speed Chart	
BCCYR 1 S								12 305		
BCYR 1 1/8 S	1.125 28.58	+0/- .001 +0/- .03	.625 15.88	+0/- .001 +0/- .03	.313 7.94	+ .0002/- .0004 + .0005/- .0010	.69 17.5	Cylindrical	See Load-Speed Chart	
BCCYR 1 1/8 S								12 305		
BCYR 1 1/4 S	1.250 31.75	+0/- .001 +0/- .03	.750 19.05	+0/- .001 +0/- .03	.375 9.53	+ .0002/- .0004 + .0005/- .0010	.81 20.6	Cylindrical	See Load-Speed Chart	
BCCYR 1 1/4 S								14 356		
BCYR 1 3/8 S	1.375 34.93	+0/- .001 +0/- .03	.750 19.05	+0/- .001 +0/- .03	.375 9.53	+ .0002/- .0004 + .0005/- .0010	.81 20.6	Cylindrical	See Load-Speed Chart	
BCCYR 1 3/8 S								14 356		
BCYR 1 1/2 S	1.500 38.10	+0/- .001 +0/- .03	.875 22.23	+0/- .001 +0/- .03	.438 11.11	+ .0002/- .0004 + .0005/- .0010	.94 23.8	Cylindrical	See Load-Speed Chart	
BCCYR 1 1/2 S								20 508		
BCYR 1 5/8 S	1.625 41.28	+0/- .001 +0/- .03	.875 22.23	+0/- .001 +0/- .03	.438 11.11	+ .0002/- .0004 + .0005/- .0010	.94 23.8	Cylindrical	See Load-Speed Chart	
BCCYR 1 5/8 S								20 508		
BCYR 1 3/4 S	1.750 44.45	+0/- .001 +0/- .03	1.000 25.40	+0/- .001 +0/- .03	.500 12.70	+ .0002/- .0004 + .0005/- .0010	1.06 27.0	Cylindrical	See Load-Speed Chart	
BCCYR 1 3/4 S								20 508		

Metric dimensions for reference only.

Not all parts are available from stock. Please contact customer service for availability (800) 626-2120.

For more information on bearing capabilities outside of our standard offering, please contact Application Engineering (800) 626-2093.



BCYR

Part No.	HC	E	Ro	PF	PFT	PF	pFT	PF	PFT	Limiting Speed	WT
With LUBRI-DISC Seals	Hole Center	Min Boss Diameter	Outer Corner	Recommended Shaft Diameters							Bearing Weight
				Push Fit		Drive Fit		Press Fit			
	inch mm	inch mm	inch mm	inch mm		inch mm		inch mm		RPM	lb kg
(Ref)	(Ref)	(Ref)		Nom	Tol	Nom	Tol	Nom	Tol		
BCYR 3/4 S	.25 6.4	.61 15.5	.02 .4	.2495 6.337	±.0002 ±.005	.2495 6.337	±.0002 ±.005	.2495 6.337	±.0002 ±.005	See Load-Speed Chart	.06 .03
BCCYR 3/4 S			N/A								
BCYR 7/8 S	.25 6.4	.61 15.5	.02 .4	.2495 6.337	±.0002 ±.005	.2495 6.337	±.0002 ±.005	.2495 6.337	±.0002 ±.005	See Load-Speed Chart	.08 .04
BCCYR 7/8 S			N/A								
BCYR 1 S	.25 6.4	.78 19.8	.03 .8	.3120 7.925	±.0002 ±.005	.3120 7.925	±.0002 ±.005	.3120 7.925	±.0002 ±.005	See Load-Speed Chart	.15 .07
BCCYR 1 S			N/A								
BCYR 1 1/8 S	.25 6.4	.78 19.8	.03 .8	.3120 7.925	±.0002 ±.005	.3120 7.925	±.0002 ±.005	.3120 7.925	±.0002 ±.005	See Load-Speed Chart	.17 .08
BCCYR 1 1/8 S			N/A								
BCYR 1 1/4 S	.31 7.9	.98 25.0	.03 .8	.3745 9.512	±.0002 ±.005	.3745 9.512	±.0002 ±.005	.3745 9.512	±.0002 ±.005	See Load-Speed Chart	.24 .11
BCCYR 1 1/4 S			N/A								
BCYR 1 3/8 S	.31 7.9	.98 25.0	.05 1.2	.3745 9.512	±.0002 ±.005	.3745 9.512	±.0002 ±.005	.3745 9.512	±.0002 ±.005	See Load-Speed Chart	.30 .14
BCCYR 1 3/8 S			N/A								
BCYR 1 1/2 S	.38 9.5	1.09 27.8	.06 1.6	.4370 11.100	±.0002 ±.005	.4370 11.100	±.0002 ±.005	.4370 11.100	±.0002 ±.005	See Load-Speed Chart	.41 .19
BCCYR 1 1/2 S			N/A								
BCYR 1 5/8 S	.38 9.5	1.09 27.8	.06 1.6	.4370 11.100	±.0002 ±.005	.4370 11.100	±.0002 ±.005	.4370 11.100	±.0002 ±.005	See Load-Speed Chart	.50 .23
BCCYR 1 5/8 S			N/A								
BCYR 1 3/4 S	.44 11.1	1.25 31.8	.06 1.6	.4995 12.687	±.0002 ±.005	.4995 12.687	±.0002 ±.005	.4995 12.687	±.0002 ±.005	See Load-Speed Chart	.64 .29
BCCYR 1 3/4 S			N/A								