

# USDI

WE OFFER THE MOST  
**COMPLETE  
NON-PRECISION  
PRODUCT LINE**  
IN THE BEARING INDUSTRY

*85 Morganton Industrial Park*

*Morganton, GA 30560*

*Phone: 800-531-3560*

*Fax: 877-285-8941*

*[www.usdi.biz](http://www.usdi.biz)*



2018-2019

*Welcome to USDI. We wish to thank all of our loyal customers for their continued support of USDI.*

*I wish to also publicly thank the USDI team: Jason, one of the best marketing persons I have ever experienced. Devin, our warehouse manager who is the most conscientious ever. Mary whose customer service is the best I've seen in my entire career. And Don, our General Manager who does it all and is an invaluable asset. What a great team we have! Easy to get along with yet professional and dedicated! Our customer feedback is overwhelmingly positive. I am so proud of them!*

*The last two years we have experienced unprecedented growth, since introducing our own brand of HIGH QUALITY conveyor bearings, ball transfers, and skate wheels. All of our conveyor bearings ball transfers, skate wheels, heavy duty bearing s, and precision conveyor bearings are manufactured to our strict specifications and high quality standards. Also, we are proud to be a Master distributor for Schatz bearings. Schatz is a well known US manufacturer of non-precision bearing products. We also carry Lutco products, Logan style bearings, and interchanges for Mathews conveyor bearings and ball transfers. We carry a line of heavy duty extreme environment precision bearings as well as precision conveyor bearings.*

**WE HAVE THE MOST COMPLETE NON-PRECISION AND SEMI PRECISION BEARING PRODUCT LINE IN THE MARKET!**

Additionally, please remember

: We have NO MINIMUM ORDER requirement.

: We STOCK what we offer – nearly 90% of our orders ship same day.

: We drop ship in UNMARKED BOXES and unmarked packing list.

I am confident you will not find a more customer driven and friendly company! Try us!

Lastly, most importantly, **WE THANK YOU FOR YOUR SUPPORT – IT IS SINCERELY APPRECIATED!**

Danny Sansevieri, President/CEO

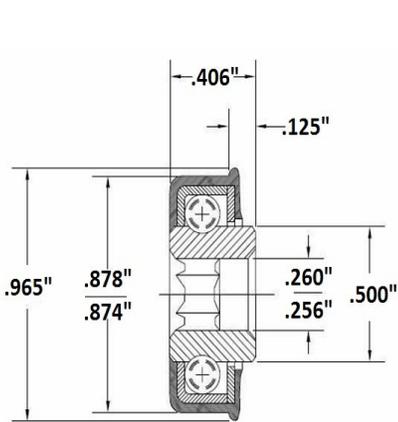
## Table of Contents

Stamped Conveyor Bearings.....	Pages 6-14
Precision Conveyor Bearings.....	Page 15
Heavy Duty Precision Bearings.....	Page 16
Stainless Steel Bearings.....	Page 17
Replacement Rollers.....	Page 18
Roller Worksheet.....	Pages 19
End Cup Adaptors.....	Page 20
Screw Machine Bearings.....	Pages 21
Logan Bearings.....	Pages 22
Schatz Bearings.....	Pages 23-27
Un-ground Bearings.....	Pages 28-31
Semi precision Bearings.....	Pages 35-2-33
Lutco Bearings.....	Page 33-35
Standard Skate Wheels.....	Pages 36
Speciality Skate Wheels.....	Pages 37
Conveyor Wheels.....	Page 38
Ball Transfers.....	Pages 39
Interchange Charts.....	Pages 40-42
Pipe Size & Fractional to Decimal Chart....	Pages 43
How to Measure a Hex Bore.....	Page 44

USDI P/N	Load Rating	Flange OD	Body OD	Bore DIA.	WT/1000	Page NO.
CB-3825H75	40	0.968	0.878	1/4" HEX	44	6
CB-3825R78	40	0.968	0.878	1/4" RD	44	6
CB-385R79	40	0.968	0.878	5/16" RD	41	6
CB-195H03	35	1.000	0.908	5/16" HEX	50	6
CB-193H45	35	1.000	0.908	3/8" HEX	44	6
CB-117H50	75	1.250	1.152	7/16" HEX	90	7
CB-147H90	105	1.375	1.252	7/16" HEX	88	7
CB-1225R74	47	1.375	1.277	1/4" RD	78	7
CB-1225H75	47	1.375	1.277	1/4" HEX	75	7
CB-125H76	47	1.375	1.277	5/16" HEX	70	7
CB-157H00	145	1.605	1.502	7/16" HEX	178	8
CB-155R03	145	1.605	1.502	1/2" RD	1.75	8
CB-153R09	145	1.605	1.502	3/8" RD	180	8
CB-157H10	145	1.605	1.502	7/16" HEX	180	8
CB-297H10	145	1.668	1.530	7/16" HEX	184	8
CB-167H34	125	1.750	1.628	7/16" HEX	85	9
CB-167H90	140	1.795	1.668	7/16" HEX	153	9
CB-177H05	140	1.870	1.703	7/16" HEX	181	9
CB-017H19	140	1.860	1.753	7/16" HEX	170	10
CB-017H24	140	1.860	1.753	7/16" Hex	170	10
CB-107H05	140	1.903	1.780	7/16" HEX	173	10
CB-107H09	140	1.903	1.780	7/16" HEX	173	10
CB-047H12	300	N/A	1.713	7/16" HEX	234	11
CB-047H20	300	1.812	1.712	7/16" HEX	188	11
CB-187H76	190	2.000	1.879	7/16" HEX	350	11
CB-2511H00	425	2.437	2.270	11/16" HEX	600	12
CB-2511H12	425	2.437	2.270	11/16" HEX	680	12
CB-259H15	425	2.437	2.270	9/16" HEX	730	12
CB-2511H32	425	2.437	2.270	11/16" HEX	653	12

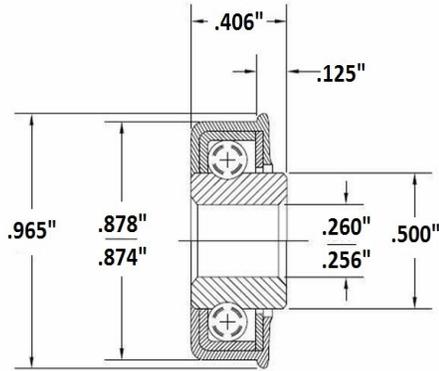
USDI P/N	Load Rating	Flange OD	Body OD	Bore DIA.	WT/1000	Page NO.
CB-255H39	425	2.437	2.270	5/8" HEX	667	12
CB-2511H42	425	2.437	2.270	11/16" HEX	660	12
CB-265H38	425	N/A	2.270	5/8" HEX	653	13
CB-4111H13	325	N/A	2.321	11/16" HEX	522	13
CB-4111H14	325	N/A	2.321	11/16" HEX	494	13
CB-4111H15	325	N/A	2.321	11/16" HEX	555	13
CB30116H65	603	N/A	3.066	1-1/16" HEX	1160	14
CB30116H80	603	N/A	3.066	1-1/16" HEX	1320	14
CB30116H82	603	N/A	3.066	1-1/16" HEX	1320	14
CB301H87	603	N/A	3.066	1.0" HEX	1370	14
CB30116H90	603	N/A	3.066	1-1/16" HEX	1220	14
PCBH112-16-7	350	1.850	1.769	7/16" Hex	150	15
PCBH208-11-11	750	2.433	2.262	11/16" HEX	350	15
CBSF1.875X7/16	1,300	2.125	1.870	7/16" Hex	400	15
CBSF1.7X7/16	635	1.897	1.783	7/16" HEX	150	15
CBSF1.5X7/16	635	1.540	1.500	7/16" HEXC	150	15
HDCB0511	2,450	N/A	2.265	11/16" HEX	850	16
HDCB0511NR	2,450	2.500	2.265	11/16" HEX	850	16
HDCB0611	4,300	N/A	3.073	1-1/16" HEX	1,750	16
CBSF2.265X11/16	1,500	2.472	2.256	11/16" HEX	650	16
SSBUG2.265X11/16	1,200	2.457	2.265	11/16" Hex	650	17
CB-017H07SS	140	1.890	1.780	7/16" HEX	172	17
PCBH208-11-11-SS	750	2.433	2.262	11/16" HEX	350	17
SP1.9X7/16SS	1,143	1.885	1.775	7/16" Hex	185	17
31EC00	N/A	2.500	2.320	1.485	150	20
35EC00	N/A	3.437	3.190	2.262	400	20
CBUG1.9-2RS	1,654	1.895	1.775	7/16" Hex	180	21
CBUG1.9-2RSK	1,654	1.895	1.775	7/16" Hex	180	21
CBUG2.265-2RS	2,423	2.457	2.265	11/16" Hex	650	21
CBUG2.265-2RSK	2,423	2.457	2.265	11/16" Hex	650	21

# Stamped Conveyor Bearings



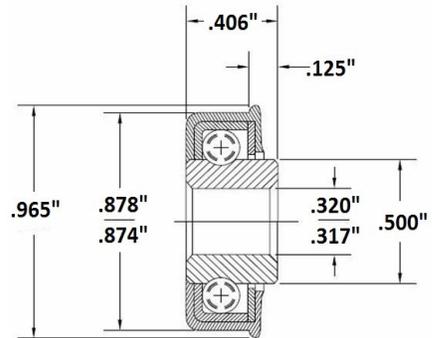
**CB-3825H75**

Load Rating 40 Lbs. 10 5/32" Balls



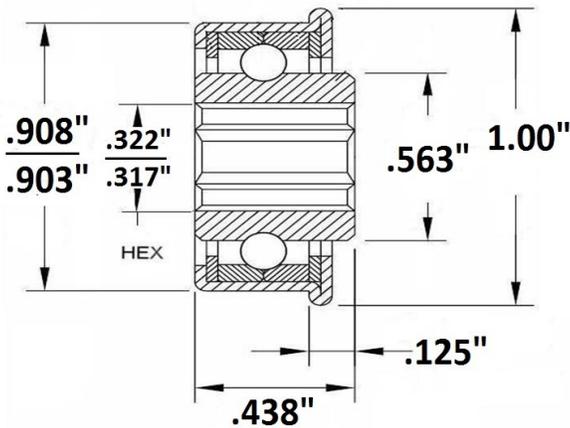
**CB-3825R78**

Load Rating 40 Lbs. 10 5/32" Balls



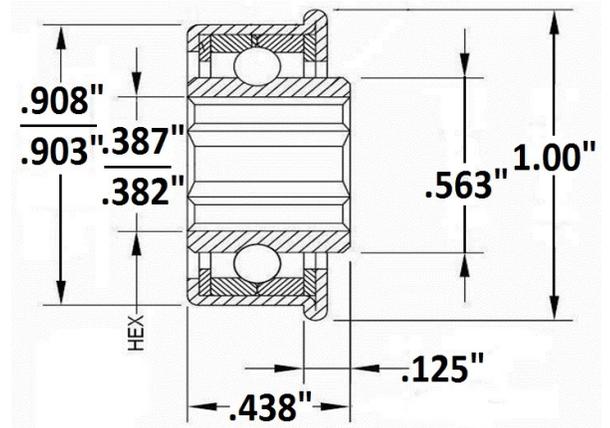
**CB-385R79**

Load Rating 40 Lbs. 10 5/32" Balls



**CB-195H03**

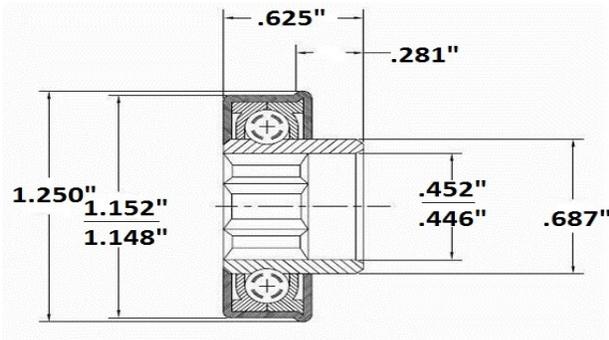
Load Rating 35 Lbs. 15 1/8" Balls



**CB-193H45**

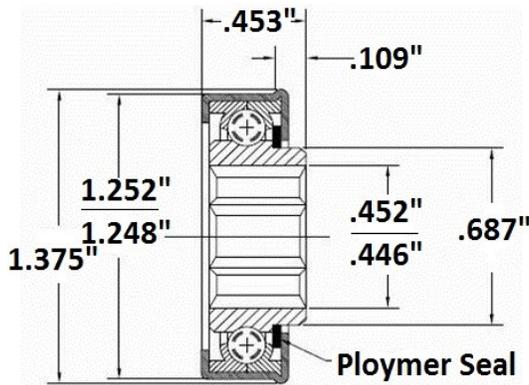
Load Rating 35 Lbs. 15 1/8" Balls





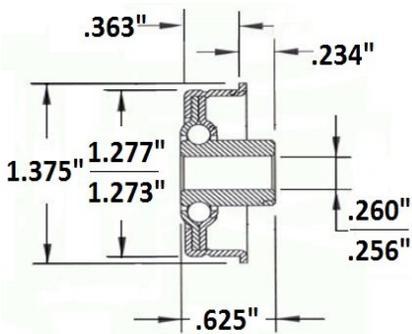
**CB-117H50**

Load Rating 75Lbs. 13 3/16" Balls



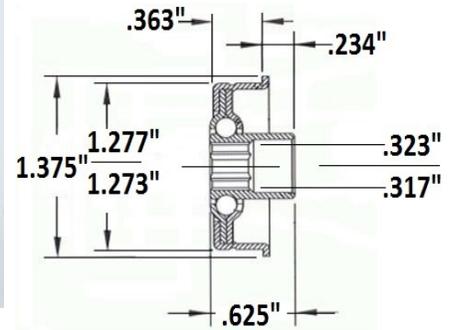
**CB-147H90**

Load Rating 105 Lbs. 10 1/4" Balls



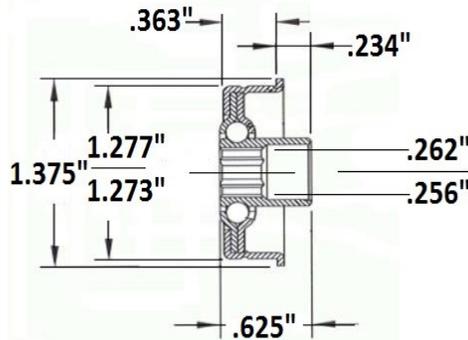
**CB-1225R74**

Load Rating 47 Lbs. 11 5/32" Balls



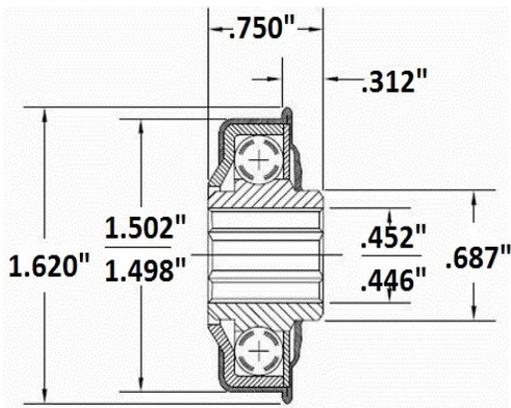
**CB-125H76**

Load Rating 47 Lbs. 11 5/32" Balls



**CB-1225H75**

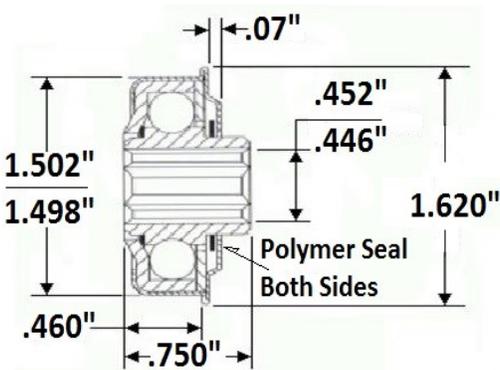
Load Rating 47 Lbs. 11 5/32" Balls



**CB-157H00 Series**

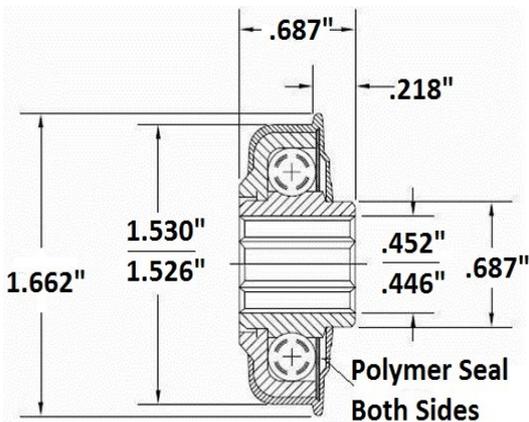
Load Rating 145 Lbs. 11 9/32" Balls

Part No.	A	B	C
CB-157H00	.452/ .446H	.3125"	.750"
CB-155R03	.508/ .503R	.3125"	.750"
CB-153R09	.385/ .380R	.3125"	.750"



**CB-157H10**

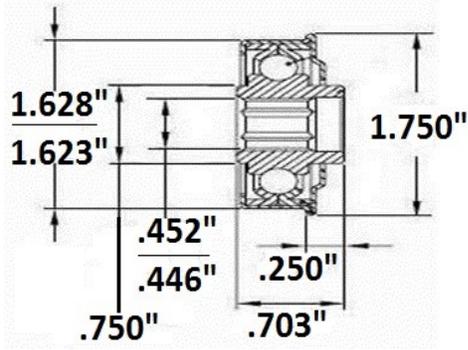
Load Rating 145 Lbs. 11 9/32" Balls



**CB-297H10**

Load Rating 145 Lbs. 11 9/32" Balls



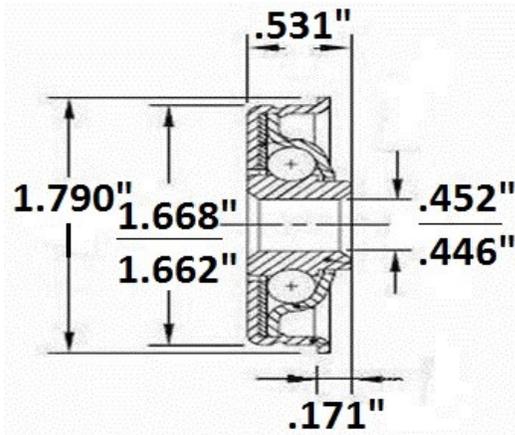


**CB-167H34**

Load Rating 125 Lbs. 13 1/4" Balls

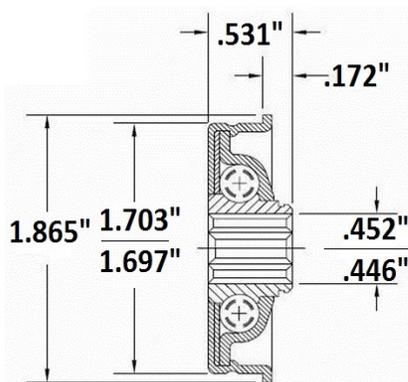


## 1.9 Series Bearings



**CB-167H90**

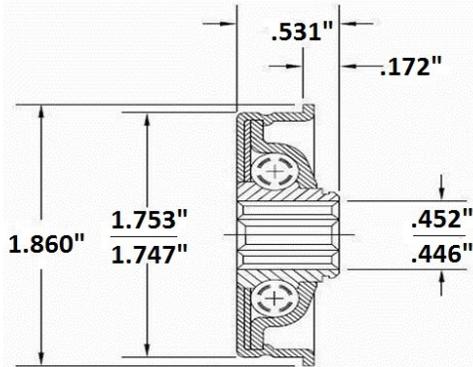
Load Rating 140 Lbs. 11 1/4" Balls



**CB-177H05**

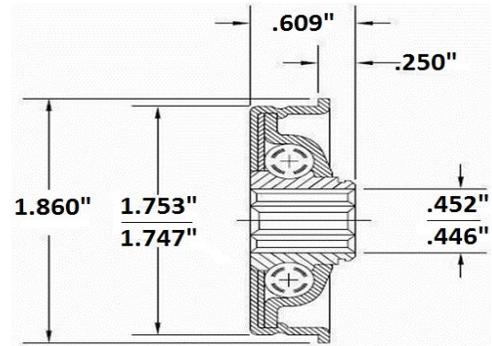
Load Rating 140 Lbs. 11 1/4" Balls





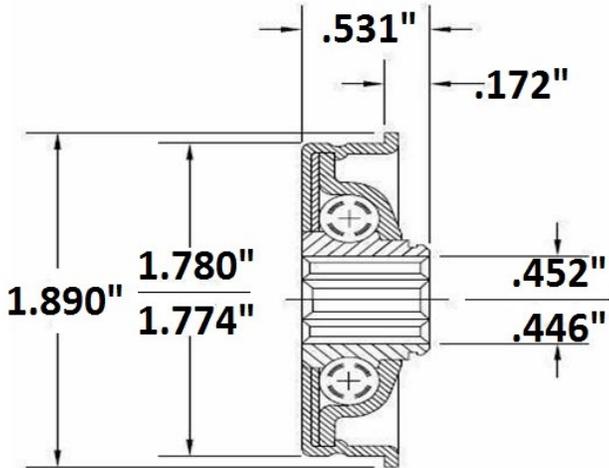
**CB-017H19**

Load Rating 140 Lbs. 11 1/4" Balls



**CB-017H24**

Load Rating 140 Lbs. 11 1/4" Balls



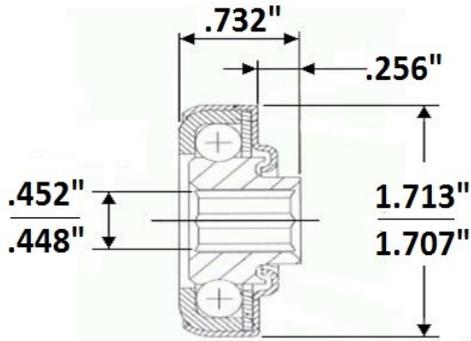
**CB-107H05 Series**

Load Rating 140 Lbs. 11 1/4" Balls

Part No.	A	B	C
CB-107H05	.452/.446H	.172"	.531"
CB-107H09	.452/.446H	.250"	.609"

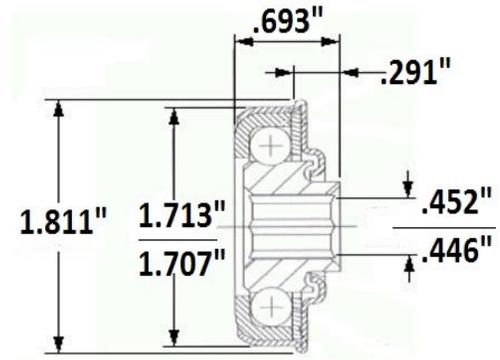


## CB-047H00 Series Bearings



**CB-047H12**

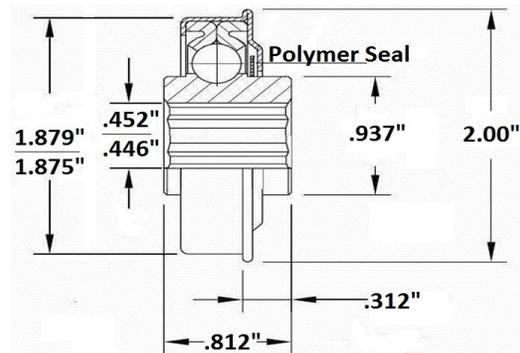
Load Rating 300 Lbs. 12 9/32"



**CB-047H20**

Load Rating 300 Lbs. 12 9/32" Balls

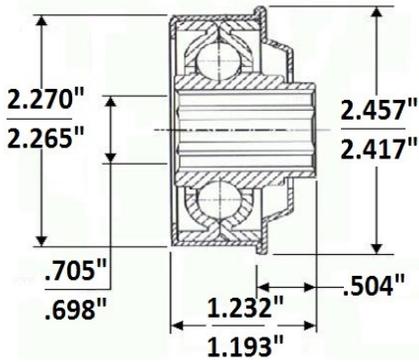
## CB-187H76 Bearing



**CB-187H76**

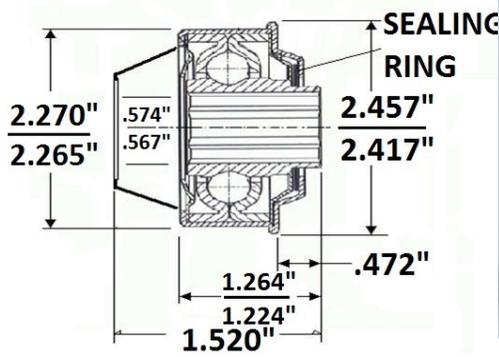
Load Rating 190 Lbs. 11 5/16" Balls

# 2.5 X 11 Gauge Series Bearings



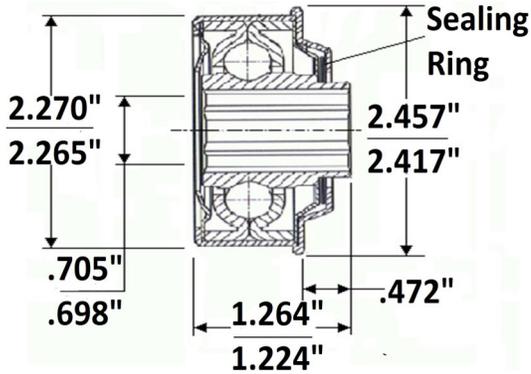
**CB-2511H00**

Load Rating 425 Lbs. 11 3/8" Balls



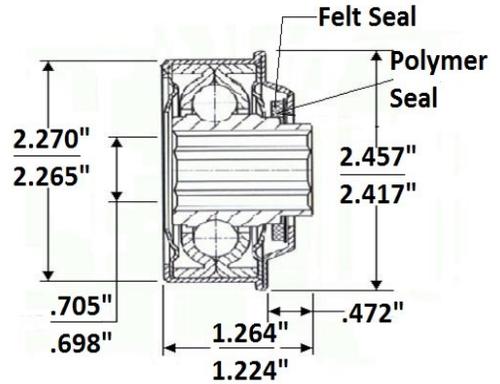
**CB-259H15**

Load Rating 425 Lbs. 11 3/8" Balls



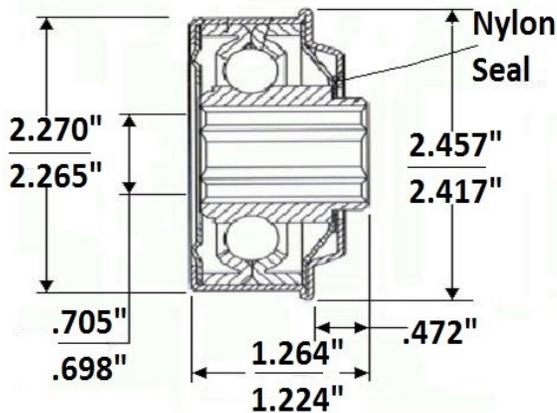
**CB-2511H12**

Load Rating 425 Lbs. 11 3/8" Balls



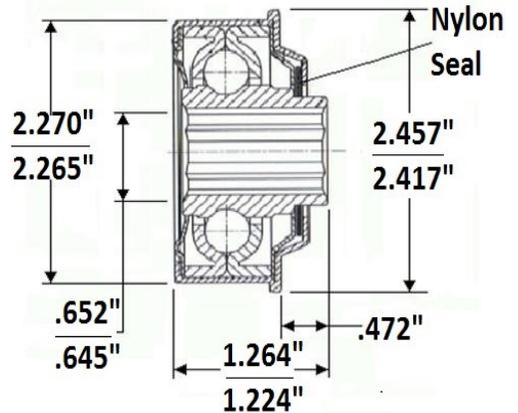
**CB-2511H42**

Load Rating 425 Lbs. 11 3/8" Balls



**CB-2511H32**

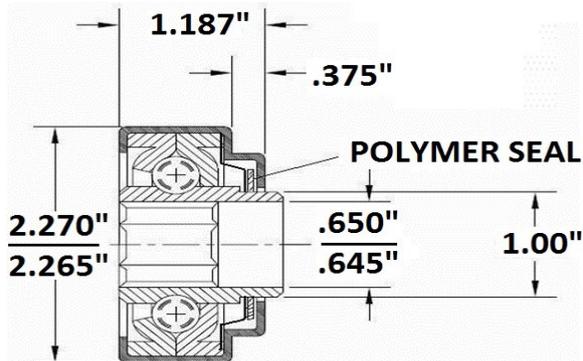
Load Rating 425 Lbs. 11 3/8" Balls



**CB-255H39**

Load Rating 425 Lbs. 11 3/8" Balls

## CB-2611H00 Series Bearing

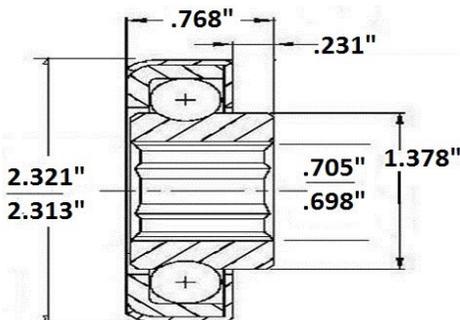


**CB-2611H38**

Load Rating 425 Lbs. 113/8" Balls

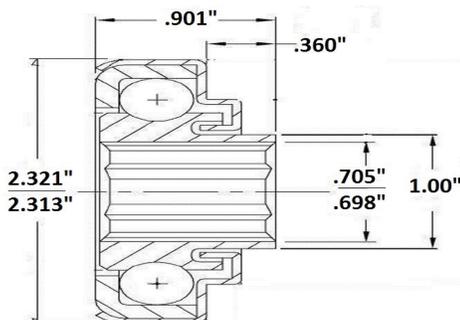


## CB-411H00 Series Bearing



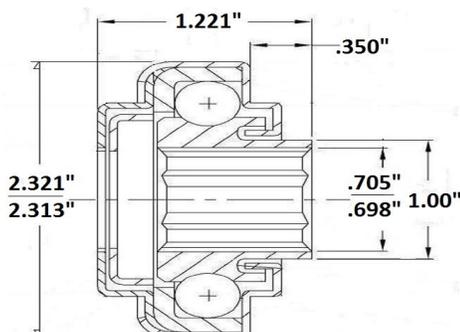
**CB-411H13**

Load Rating 600 Lbs. 13 3/8" Balls



**CB-411H14**

Load Rating 600 Lbs. 13 3/8" Balls

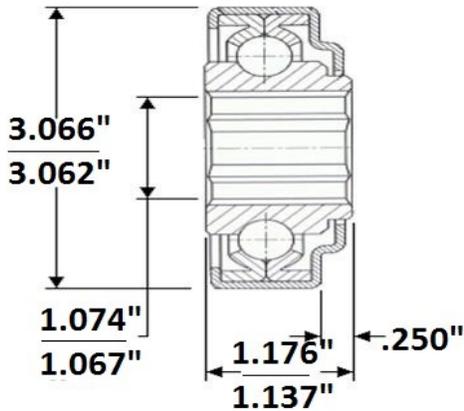


**CB-411H15**

Load Rating 600 Lbs. 13 3/8" Balls

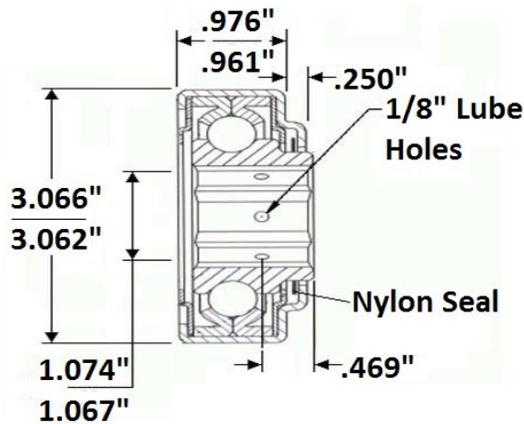


# 3.5" .300 Wall or 3" Schedule 40 Pipe



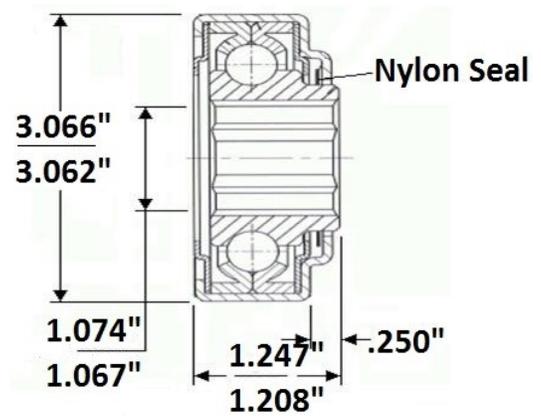
**CB-30116H65**

Load Rating 603 Lbs. 15 7/16" Balls



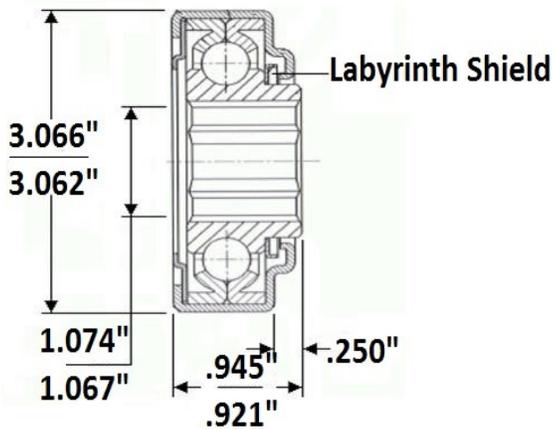
**CB-30116H80**

Load Rating 603 Lbs. 15 7/16" Balls



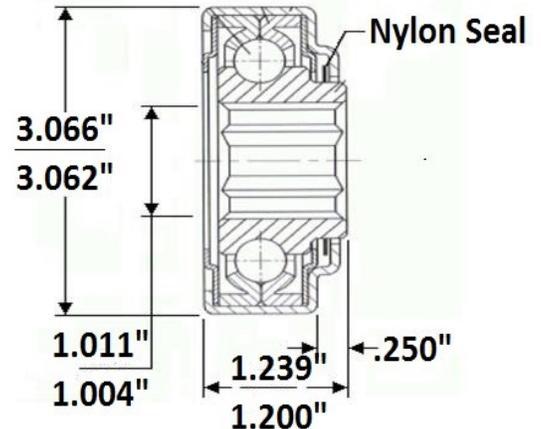
**CB-30116H82**

Load Rating 603 Lbs. 15 7/16" Balls



**CB-30116H90**

Load Rating 603 Lbs. 15 7/16" Balls

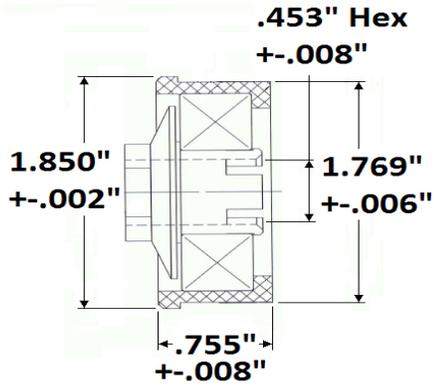


**CB-301H87**

Load Rating 603 Lbs. 15 7/16" Balls

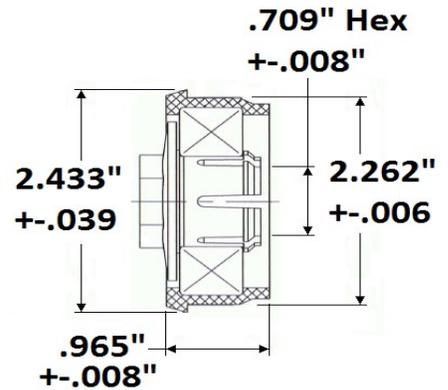
# Precision Conveyor Bearings

## Plastic Encapsulated Precision Conveyor Bearings



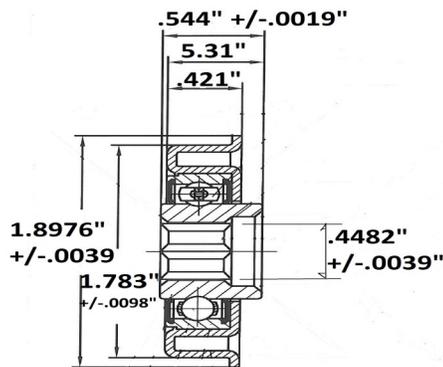
**PCBH112-16-7**

Load Rating 350 Lbs. Core Brg. 6203-ZZ



**PCBH208-11-11 PCBH208-11-11SS**

Load Rating 750 Lbs. Core Brg. 6205-ZZ  
or 2RS Also available in stainless steel



**CBSF-1.7X7/16**

Load Rating 635 Lbs.

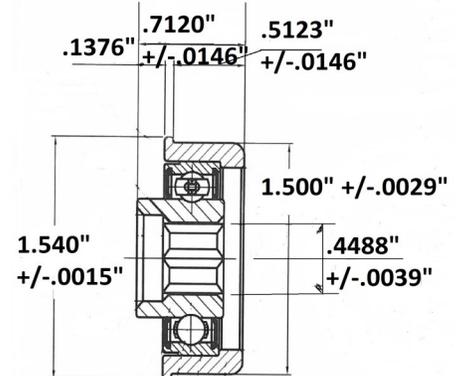
Core Brg. 6002-2rs



**CBSF1.5X7/16**

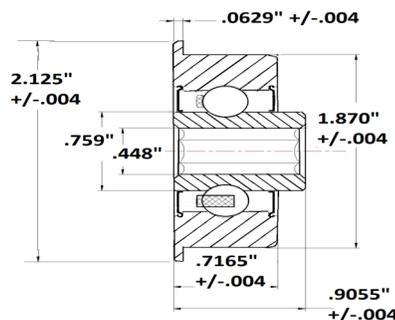
Load Rating 635 Lbs.

Core Brg. 6002-2RS



**CBSF1.875X7/16**

Load Rating 1,300 Lbs.



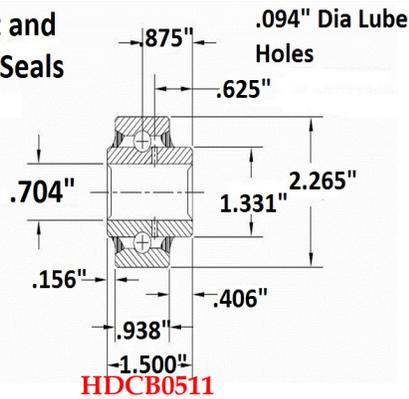
USDI- Call 800-531-3560

or e-mail: sales@usdi.biz

www.usdi.biz 15

# Heavy Duty Precision Bearings

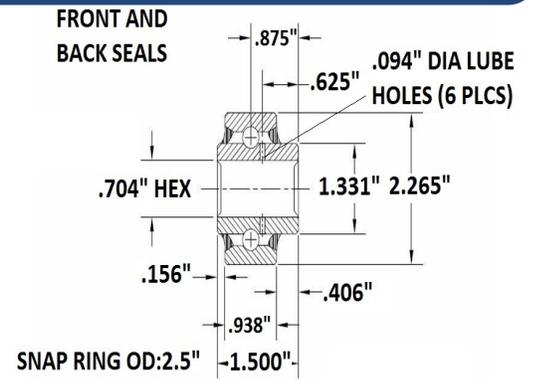
Front and Back Seals



Load Rating 2,450 Lbs.



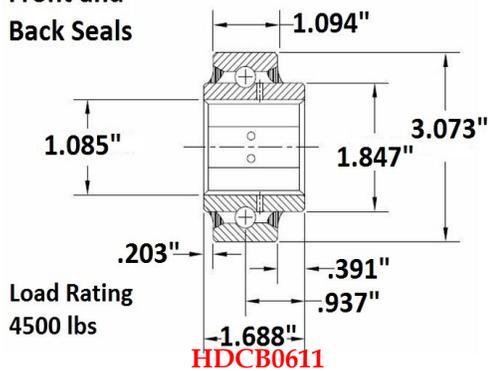
FRONT AND BACK SEALS



Load Rating 2,450 Lbs.

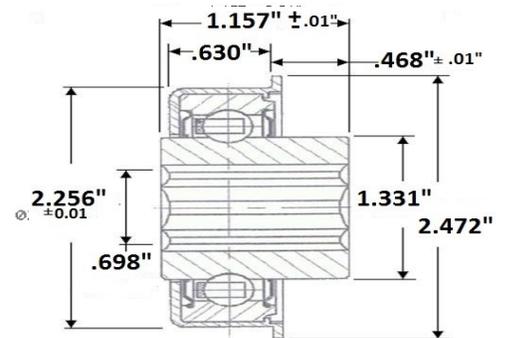
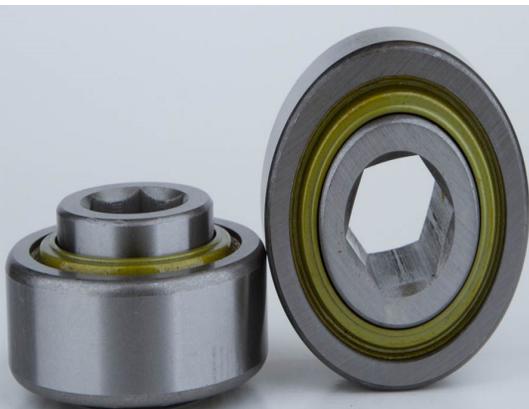


Front and Back Seals



Load Rating 4500 lbs

Load Rating 4,300 Lbs.

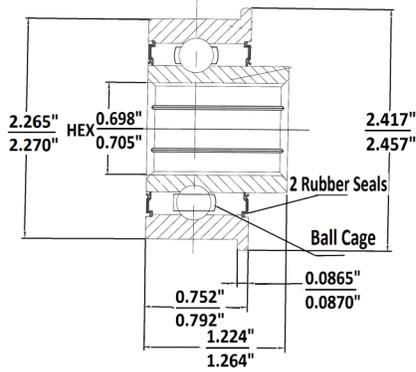


**6205-2RS Core Bearing**  
**CBSF2.265X11/16**

Load Rating 1,500 Lbs.

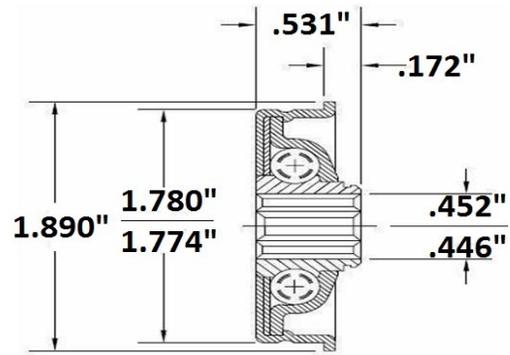


# Stainless Steel Conveyor Bearings



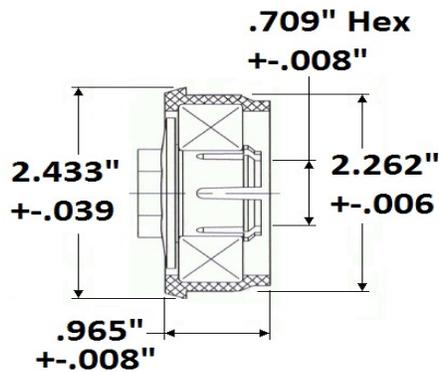
**SSCBUG2.265X11/16**

11/16" Hex Bore Screw Machine Bearing



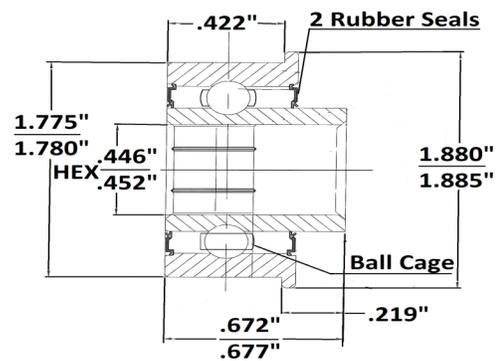
**CB-017H07SS**

Load Rating 140 Lbs. 11 1/4" Balls



**PCBH208-11-11SS**

Load Rating 750 Lbs. Core Bearing S6205-ZZ



**SP1.9X7/16SS**

Semi Precision Load Rating 1,143 lbs



## Replacement Rollers

**USDI Now Manufactures Replacement Rollers**

**Made to Order from 6" to 60"**

**Four Sizes 3/4" 18 gauge, 1.375" 18 gauge, 1.9" 16 gauge,  
2.5" 11 gauge.**



**3/4" OD Roller 1/4" Round Axle Spring  
Retained**

**1.375" OD Roller 1/4" Round Axle Spring  
Retained**



**1.9" OD Roller 7/16" Hex Axle Spring  
Retained. Comes with a Light Duty, Heavy  
Duty, or Precision Bearing.**



**2.5" OD Roller 11/16" Hex Axle Spring  
Retained. Comes with a Light Duty, Heavy  
Duty, or Precision Bearing.**



# Replacement Roller Worksheet

Use this worksheet to gather all the information needed for a roller quote

“A” (OD in inches): \_\_\_\_\_

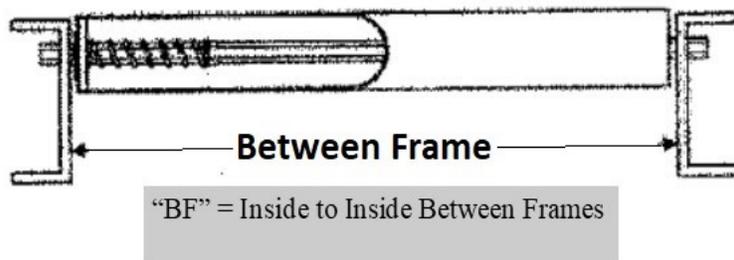
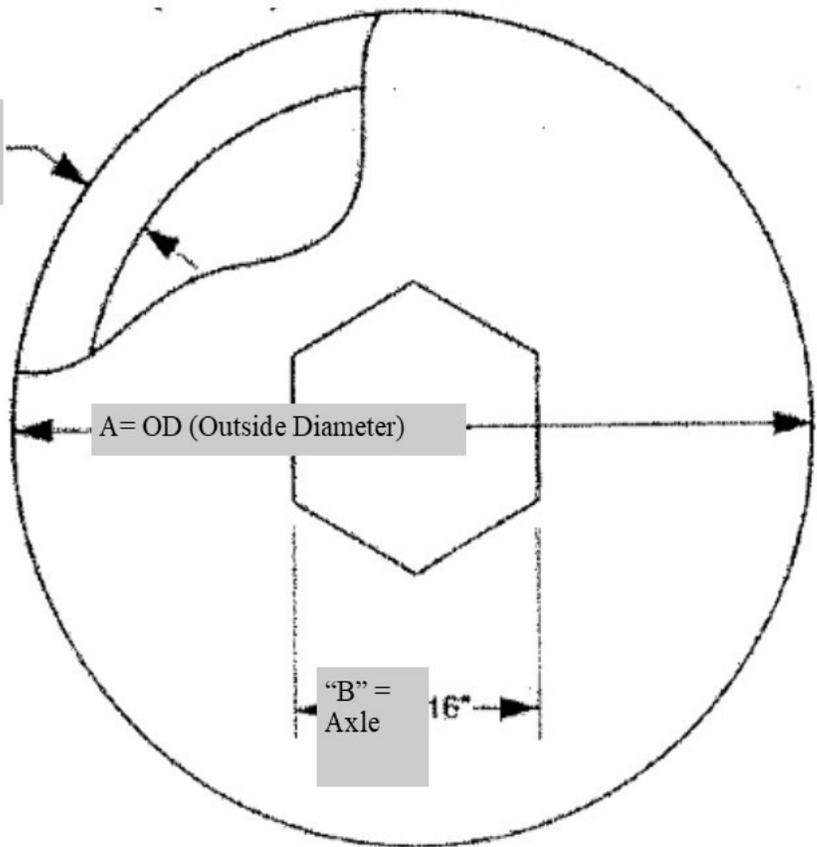
“B” (Axle size in inches): \_\_\_\_\_  
Type: Hex [ ] Round [ ]  
Retained: Spring [ ] Pinned [ ]

“C” (Wall/Gauge): \_\_\_\_\_

“BF” (Between Frame—inside to inside in inches) \_\_\_\_\_

Surface Finish (Plain Steel unless otherwise noted below):  
Plain Steel: [ ]  
Galvanized: [ ]  
Coated:  
Type: \_\_\_\_\_

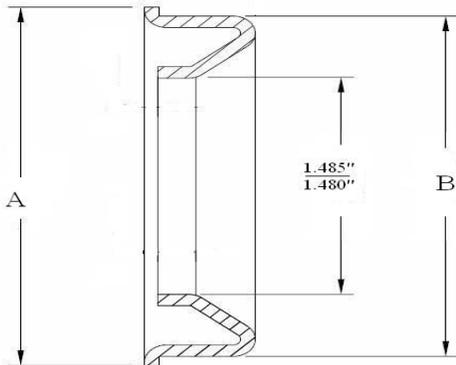
Actual Roller Length: \_\_\_\_\_



OR:

Actual Axle Length: \_\_\_\_\_

# End Cup Adapters for Conveyor Bearings



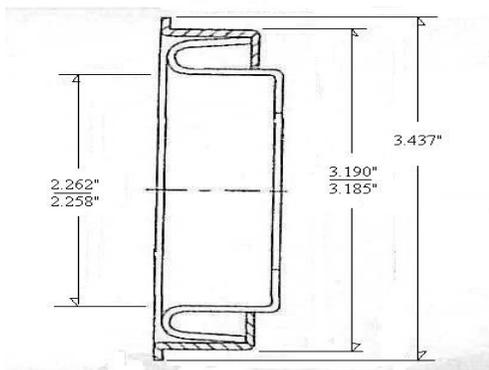
**31EC00 Series End Cup Adapter**

End Cup	A	B
31EC33	2.500"	2.320" / 2.315"
31EC34	2.250"	2.130" / 2.125"
31EC35	2.500"	2.340" / 2.335"
31EC39	2.500"	2.365" / 2.360"
34EC25	2.500"	2.270" / 2.265"



## Application Chart for End Cup Adapters

Adapter	Bearing Application
31EC33, 31EC34, 31EC35, 31EC39, 34EC25	All CB157H00 Series
35EC00	All CB-2511H00 Series HDCB0511, HDCB0511-NR, and CBSF2.265X11/16

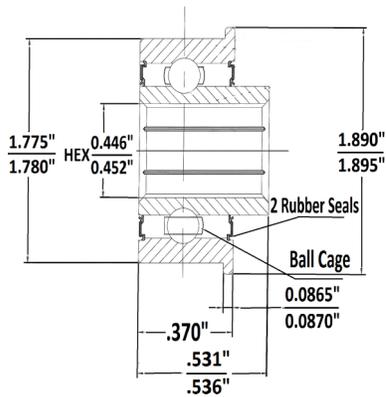


**35EC00**

End Cup Adapter



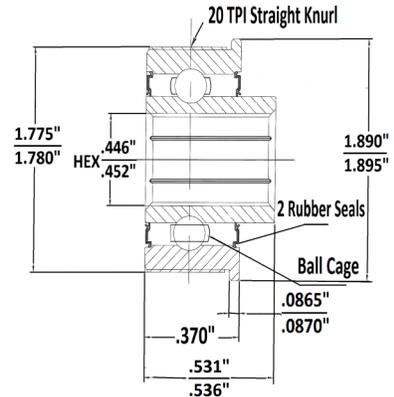
# CBUG Screw Machine Bearings



**CBUG1.9-2RS**

7/16" Hex Bore Screw Machine Bearing

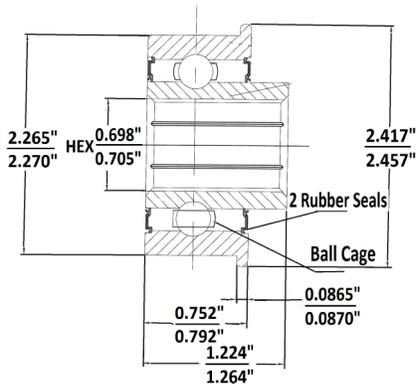
Load rating 1,654 lbs



**CBUG1.9-2RSK**

7/16" Hex Bore Screw Machine Bearing

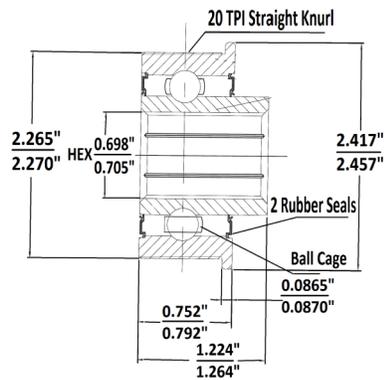
Load rating 1,654 Lbs



**CBUG2.265-2RS**

11/16" Hex Bore Screw Machine Bearing

Load rating 2,423



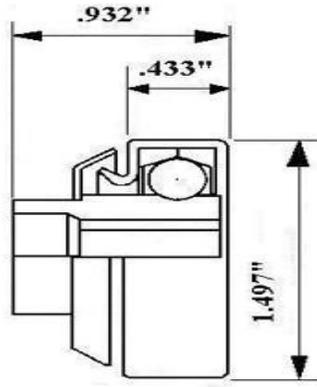
**CBUG2.265-2RSK**

11/16" Hex Bore Screw Machine Bearing

Load rating 2,423

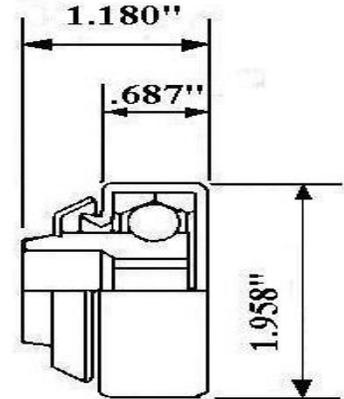


# Logan Conveyor Bearings



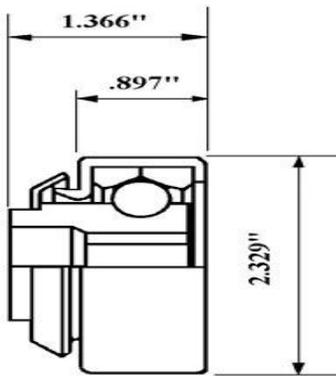
**L-USDI.4375X1.497-L4L (50-LL)**

7/16" Hex Bore Lubed for Life



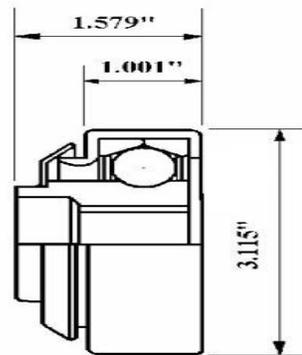
**L-USDI.625X1.958-L4L (55-LL)**

5/8" Hex Bore Lubed for Life



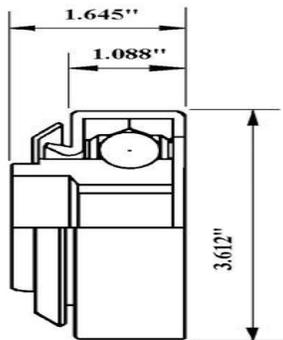
**L-USDI.6875X2.239-L4L (60-LL)**

11/16" Hex Bore Lubed for Life



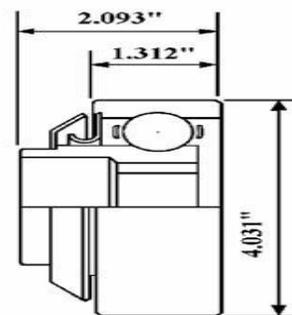
**L-USDI1.00X3.115-L4L (70-LL)**

1.0" Hex Bore Lubed for Life



**L-USDI1.25X3.612-L4L (75-LL)**

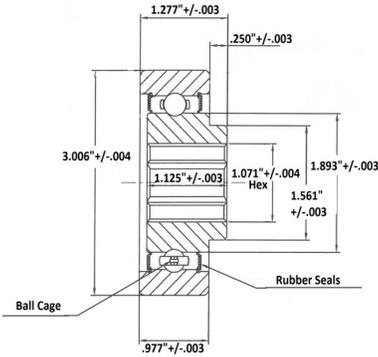
1 1/4" Hex Bore Lubed for Life



**L-USDI1.50X4.021 (85-D)**

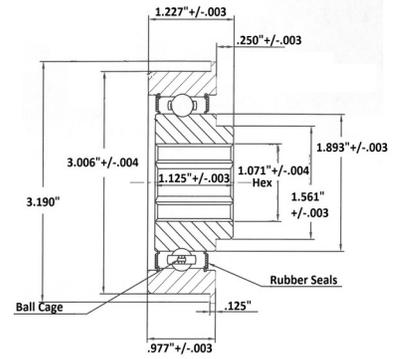
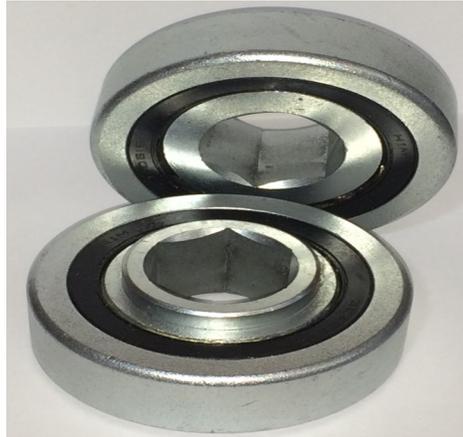
1 1/2" Hex Bore

## CBSP Series



**CBSP-31H82-2RS**

1-1/16" Hex Bore Semi Precision  
Machined Bearing



**CBSPF-31H82-2RS**

1-1/16" Hex Bore Semi Precision  
Machined Bearing

## Schatz Bearings

Schatz Part No.	USDI Part No.	Bore	OD	Seals
<b>AF SERIES</b>				
A3248		1/2"	1.50"	n/a
AF1622	UGF.250X.6875	1/4"	11/16"	n/a
AF2028	UGF.3125X.875-2RS	5/16"	7/8"	2RS
AF2434	UGF.375X1.0625	3/8"	1-1/16"	n/a
AF2436		3/8"	1-1/8"	n/a
AF3236	UGF.500X1.125-2RS	1/2"	1-1/8"	2RS
AF3238	UGF.500X1.1875	1/2"	1-3/16"	n/a
AF3240	UGF.500X1.250	1/2"	1-1/4"	n/a
AF3244		1/2"	1-3/8"	n/a
AF33248		1/2"	1-1/2"	n/a
AF3252		1/2"	1-5/8"	n/a
AF3256		1/2"	1-3/4"	n/a
AF3268	UGF.500X2.125	1/2"	2-1/8"	n/a

Schatz Part No.	USDI Part No.	Bore	OD	Seals
AF4040	UGF.625X1.250	5/8"	1-1/4"	n/a
AF4044		5/8"	1-3/8"	n/a
AF4048	UGF.625X1.50-2RS	5/8"	1-1/2"	2RS
AF4052	UGF.625X1.625	5/8"	1-5/8"	n/a
AF4056	UGF.625X1.750	5/8"	1-3/4"	n/a
AF4856		3/4"	1-3/4"	n/a
AF4864		3/4"	2"	n/a
AF4872	UGF.750X2.250-2RS	3/4"	2-1/4"	2RS
AF6464	UGF1.0X2.0	1"	2"	n/a
AF6468	UGF1.0X2.125	1"	1-1/8"	n/a
<b>AFH SERIES</b>				
AFH2028		5/16"	7/8"	n/a
AFH2029		5/16"	29/32"	n/a
AFH2436	UGFH.375X1.125-2RS	3/8"	1-1/8"	2RS
AFH2836	UGFH.875X1.125	7/8"	1-1/8"	n/a
AFH2848	UGFH.4375X1.500	7/16"	1-1/2"	n/a
AFH2848FB		7/16"	1-1/2"	n/a
AFH2852		7/16"	1-5/8"	n/a
AFH2856	UGFH.4375X1.750 & 2RS	7/16"	1-3/4"	2RS
AFH2860U		7/16"	1-7/8"	n/a
AFH4056	UGFH.625X1.750-2RS	5/8"	1-3/4"	2RS
AFH4472		11/16"	2-1/4"	n/a
AFH4474		11/16"	2-5/16"	n/a

Schatz Part No.	USDI Part No.	Bore	OD	Seals
<b>AFS SERIES</b>				
AFS2429	Ext inner w/set screws	3/8"	29/32"	n/a
AFS3236	Ext inner w/set screws	1/2"	1-1/8"	n/a
AFS4044	Ext inner w/set screws	5/8"	1-3/8"	n/a
AFS4856	Ext inner w/set screws	3/4"	1-3/4"	n/a
AFS6464	Ext inner w/set screws	1"	2"	n/a
AFS6498	Ext inner w/set screws	1"	3.064"	n/a
<b>TW SERIES SEALED</b>				
TW2	UGF.500X1.125-2RS	1/2"	1-1/8"	2RS
TW6		1/2"	1-1/8"	2RS
TW7		5/8"	1-3/8"	2RS
TW10		5/8"	1-1/2"	2RS
TW18	UGF.750X1.750-2RS	3/4"	1-3/4"	2RS
TW25	UGF1.0X2.0-2RS	1"	2"	2RS
TW29		1"	2-1/2"	2RS
TW30		1-1/4"	2-1/2"	2RS
<b>HB SERIES</b>				
HB106FF	Hanger Bearing	1-1/4"		n/a
HB207FF	Hanger Bearing	1-1/4"		n/a
<b>SM SERIES</b>				
SM10	Adapter Unit	5/8"	1-5/8"	n/a
SM12	Adapter Unit	3/4"	2"	n/a

Schatz Part No.	USDI Part No.	Bore	OD	Seals
W4LLSS	Double V Guide Wheel SS	.5906"	2.360"	n/a
<b>GUIDE WHEEL BUSHINGS</b>				
BS2SS	Stationary Bushing Stainless	1/4"	.3748"	n/a
BA3SS	Adjustable Bushing SS	5/16"	.4722"	n/a
BS4SS	Stationary Bushing Stainless	3/8"	.5904"	n/a
<b>STUB SHAFTS</b>		Length		
DE2-5/8	Double End Stub Shaft	2-5/8"		
DE2-1/2	Double End Stub Shaft	2-1/2"		
DE3	Double End Stub Shaft	3"		
DE3-3/32A	Double End Stub Shaft	3-3/32"		
DE3-3/32	Double End Stub Shaft	3-3/32"		
SE1-15/16A	Single End Stub Shaft	1-15/16"		
SE2-1/2A	Single End Stub Shaft	2-1/2"		
SE2-5/8	Single End Stub Shaft	2-5/8"		
SE3	Single End Stub Shaft	3"		
SE4-125	Single End Stub Shaft	4-1/8"		
<b>GUIDE WHEELS</b>				
W1LLSS	Double V Guide Wheel SS	3/16"	.771"	n/a
W2LL	Double V Guide Wheel	3/8"	1.210"	n/a
W2LLSS	Double V Guide Wheel SS	3/8"	1.210"	n/a
W3LL	Double V Guide Wheel	.4724"	1.803"	n/a
W3LLSS	Double V Guide Wheel SS	.4724"	1.803"	n/a
W4FF	Double V Guide Wheel	.5906"	2.360"	n/a
W4LL	Double V Guide Wheel	.5906"	2.360"	n/a

Schatz Part No.	USDI Part No.	Bore	OD	Seals
<b>CS SERIES</b>				
CS3949	Precision Bearing	1/2"	1-1/8"	2RS
CS3574X6	Precision Bearing	11/16"	1.850"	RS
CS3574X8	Precision Bearing	11/16"	1.850"	RS
CS3574X8A	Precision Bearing	11/16"	1.850"	RS
CS3574X9	Precision Bearing	11/16"	1.850"	RS

## Schatz Bearings



AF Series



AFH Series



AFS Series



TW Series



HB Series



CS Series



DE Series



SE Series



W Series

# Unground (non-precision) Bearings

## Unground Bearing Numbering System

Class/Type	Bore	X	OD	Seals
UG- Unground no flange	ID in inches	X	Outside Diameter in inches	2RS-2 Rubber Seals
UGF- Unground , Flanged				ZZ – 2 Metal Shields
UGFH- Unground Flanged , Hex Bore				
UGFS- Unground, Flanged, Extended Inner Race with Set Screws				
UGT- Unground Thrust Bearing				

USDI Part Number	Interchange	Interchange	Bore	OD	Seals
UG.1875X.6875	SR-253	A1222	3/16"	7/16"	n/a
UG.250X6875	SR-254	A1622	1/4"	7/16"	n/a
UG.3125X1.0625	SR-312	A2034B	5/16"	1-1/16"	n/a
UG.375X.875	SR-269	A2428	3/8"	7/8"	n/a
UG.375X.9062		A2429	3/8"	29/32"	n/a
UG.375X1.125	SR-333	A2436	3/8"	1-1/8"	n/a
UG.4375X.9062		A2829	7/16"	29/32"	n/a
UG.500X1.125	SR-337	A3236	1/2"	1-1/8"	n/a
UG.500X1.375-2RS	SR-381	A3244	1/2"	1-3/8"	2RS
UG.500X1.750		A3256	1/2"	1-3/4"	n/a
UG.625X1.375		A4044	5/8"	1-3/8"	n/a
UG1.00X2.00		A6464	1"	2"	n/a
UGF.250X.6875	F150	AF1622	1/4"	11/16"	n/a

USDI Part No.	Interchange	Interchange	Bore	OD	Seals
UGF.250X.750	F-155	AF1624	1/4"	3/4"	n/a
UGF.250X.750-2RS			1/4"	3/4"	n/a
UGF.250X.8125	F-160		1/4"	13/16"	n/a
UGF.250X.8125-2RS			1/4"	13/16"	2RS
UGF.250X.875		AF1628	1/4"	7/8"	n/a
UGF.250X.9062	F-175-1	AF1629	1/4"	29/32"	n/a
UGF.3125X.875	F-165	AF2028	5/16"	7/8"	n/a
UGF.3125X.875-2RS			5/16"	7/8"	2RS
UGF.3125X1.0625		AF2034	5/16"	1-1/16"	n/a
UGF.375X1.0625	F-250-2	AF2434	3/8"	1-1/16"	n/a
UGF.375X1.125	F-300-19	AF2436	3/8"	1/18"	n/a
UGF.375X1.375	F-350-11	AF2444	3/8"	1-3/8"	n/a
UGF.4375X.9062	F-175-4	AF2829	7/16"	29/32"	n/a
UGF.500X1.125	F-300	AF3236	1/2"	1-1/8"	n/a
UGF.500X1.125-2RS	36F32PP	TW2	1/2"	1-1/8"	2RS
UGF.500X1.1875	F-310	AF3238	1/2"	1-3/16"	n/a
UGF.500X1.250		AF3240	1/2"	1-1/4"	n/a
UGF.500X1.500		AF3248	1/2"	1-1/2"	n/a
UGF.500X1.500(ext inner)	32703-1		1/2"	1-1/2"	n/a
UGF.50X1.5625	F-550	AF3250	1/2"	1-9/16"	n/a
UGF.500X1.875		AF3260	1/2"	1-7/8"	n/a
UGF.500X2.125		AF3268	1/2"	2-1/8"	n/a

USDI Part No.	Interchange	Interchange	Bore	OD	Seals
UGF.500X2.125-2RS			1/2"	2-1/8"	2RS
UGF.500X2.125-ZZ			1/2"	2-1/8"	ZZ
UGF.5625X1.250	F-325		9/16"	1-1/4"	n/a
UGF.5625X1.375		AF3644	9/16"	1-3/8"	n/a
UGF.5625X1.500		AF3648	9/16"	1-1/2"	n/a
UGF.625X1.250-2RS			5/8"	1-1/4"	2RS
UGF.625X1.500-2RS		AF4048	5/8"	1-1/2"	2RS
UGF.625X1.875-2RS	F-850	TW21	5/8"	1-7/8"	2RS
UGF.6875X1.500	F-500	AF4448	11/16"	1-1/2"	n/a
UGF.750X1.375-2RS	F-350-89	AF4844	3/4"	1-3/8"	2RS
UGF.750X1.750-2RS		TW18	3/4"	1-3/4"	2RS
UGF.750X2.125-2RS		AF4868	3/4"	2-1/8"	2RS
UGF.750X2.250		AF4872	3/4"	2-1/4"	n/a
UGF.750X2.3125		AF4874	3/4"	2-5/16"	n/a
UGF.875X2.00	F1000		7/8"	2"	n/a
UGF.875X2.00-2RS	64F56PP		7/8"	2"	2RS
UGF.875X2.500		AF5680	7/8"	2-1/2"	n/a
UGF1.00X2.00	F-1000-4	AF6464	1"	2"	n/a
UGF1.00X2.00-2RS	64F64PP	TW25	1"	2"	2RS
UGF1.250X2.125	F-1100		1-1/4"	2-1/8"	n/a
UGFH.3125X.875		AFH2028	5/16"	7/8"	n/a
UGFH.3125X1.125		AFH2036	5/16"	1-1/8"	n/a

USDI Part No.	Interchange	Interchange	Bore	OD	Seals
UFGH.375X1.125		AFH2436	3/8"	1-1/8"	n/a
UGFH.375X1.125-2RS			3/8"	1-1/8"	2RS
UGFH.4375X1.125		AFH2836	7/16"	1-1/8"	n/a
UGFH.4375X1.375		AFH2844	7/16"	1-3/8"	n/a
UGFH.4375X1.375-2RS			7/16"	1-3/8"	2RS
UGFH.4375X1.500		AFH2848	7/16"	1-1/2"	n/a
UGFH.4375X1.750		AFH2856	7/16"	1-3/4"	n/a
UGFH.4375X1.750-2RS			7/16"	1-3/4"	2RS
UGFH.4375X2.125		AFH2868	7/16"	2-1/8"	n/a
UGFH.4375X2.125-2RS			7/16"	2-1/8"	2RS
UGFH.500X1.500		AFH3248	1/2"	1-1/2"	n/a
UGFH.625X1.750-2RS		AFH4056	5/8"	1-3/4"	2RS
UGFH.750X2.00		AFH4864	3/4"	2"	n/a



**UG Series**



**UGF Series**



**UGFH Series**



**UGF-2RS Series**



**UGFH-2RS Series**

## Semi Precision Bearings

Class/Type	Bore	X	OD	Seals
SP- Semi Precision SR- Snap Ring	ID in inches	X	Outside Diameter in inches	2RS-2 Rubber Seals

USDI Part No.	Interchange	Interchange	Bore	OD	Seals
SP.500X1.125-2RS	1616-2RS		1/2"	1-1/8"	2RS
SP.500X1.375-2RS	1621-2RS		1/2"	1-3/8"	2RS
SP.5625X1.375-2RS	1622-2RS		9/16"	1-38/"	2RS
SP.625X1.375-2RS	1623-2RS		5/8"	1-3/8"	2RS
SP.625X1.625-2RS	1628-2RS		5/8"	1-5/8"	2RS
SP.625X1.750-2RS	1633-2RS		5/8"	1-3/4"	2RS
SP.750X1.625-2RS	1630-2RS		3/4"	1-5/8"	2RS
SP.750X1.750-2RS	1635-2RS		3/4"	1-3/4"	2RS
SP.750X2.00-2RS	1638-2RS		3/4"	2"	2RS
SP.875X2.00-2RS	1640-2RS		7/8"	2"	2RS
SP1.00X2.00-2RS	1641-2RS		1"	2"	2RS
SP1.125X2.50-2RS	1652-2RS		1-1/8"	2"	2RS
SP1.250X2.50-2RS	1654-2RS		1-1/4"	2-1/2"	2RS
SP1.250X1.5625-2RS	1657-2RS		1-1/4"	2-9/16"	2RS
SP1.3125X2.5625-2RS	1658-2RS		1-5/16"	2-9/16"	2RS
SPSR.500X1.125-2RS	1616-2RSNR		1/2"	1-1/8"	2RS
SPSR.500X1.375-2RS	1621-2RSNR		1/2"	1-3/8"	2RS

USDI Part No.	Interchange	Interchange	Bore	OD	Seals
SPSR.5625X1.375-2RS	1622-2RSNR		9/16"	1-3/8"	2RS
SPSR.625X1.375-2RS	1623-2RSNR		5/8"	1-3/8"	2RS
SPSR.750X1.625-2RS	1630-2RSNR		3/4"	1-5/8"	2RS
SPSR.750X1.750-2RS	1635-2RSNR		3/4"	1-3/4"	2RS
SPSR1.00X2.00-2RS	1641-2RSNR		1"	2"	2RS



SP-2RS Series



SPSR-2RS Series

## Lutco Bearings

Class/Type	Bore	X	OD	Seals
UGF- Unground , Flanged UGFH- Unground Flanged , Hex Bore UGFS- Unground, Flanged, Extended Inner Race with Set Screws UGT- Unground Thrust Bearing	ID in inches	X	Outside Diameter in inches	2RS-2 Rubber Seals ZZ – 2 Metal Shields

Lutco Part No.	USDI Part No.	Schatz Part No.	Bore	OD	Seals
44F32PP	UGF.500X1.375-2RS-L		1/2"	1-3/8"	2RS
44F40PP	UGF.625X1.375-2RS-L	TW7	5/8"	1-3/8"	2RS

Lutco Part No.	USDI Part No.	Schatz Part No.	Bore	OD	Seals
A44LFA48PP	UGF.750X1.375-2RS-L		3/4"	1-3/8"	2RS
56F48PP	UGF.750X1.750-2RS-L	TW18	3/4"	1-3/4"	2RS
45FLXKZ56PP3	UGF.875X1.750KW-2RS-L		7/8"	1-3/4"	2RS
64F56PP	UGF.875X2.00-2RS-L		7/8"	2"	2RS
64F64PP	UGF1.00X2.00-2RS-L	TW25	1"	2"	2RS
HD64FA64AP	UGF1.00X2.00-1RS-L		1"	2"	1RS
80F80PP	UGF1.250X2.50-2RS-L	TW30	1-1/4"	2-1/2"	2RS
56FZPH48PP2	UGFH.750X1.750-2RS-L		3/4"	1-3/4"	2RS
56FAX48PP	UGFS.750X1.750-2RS-L	AFS4856	3/4"	1-3/4"	2RS
64FAX48PP	UGFS.750X2.00-2RS-L	AFS4864	3/4"	2"	2RS
64FAX64PP	UGFS1.00X2.00-2RS-L	AFS6464	1"	2"	2RS
A40T32	UGT.500X1.265	AT3241	1/2"	2.265	n/a
46T40	UGT.625X1.422	AT4046A	5/8"	1.422	n/a
53T48	UGT.750X1.656	AT4853	3/4"	1.656	n/a
60T56	UGT.875X1.891	AT5661A	7/8"	1.891	n/a
64T64	UGT1.075X2.00	AT6465A	1.075"	2"	n/a



**Lutco F series**



**Lutco FAX Series**

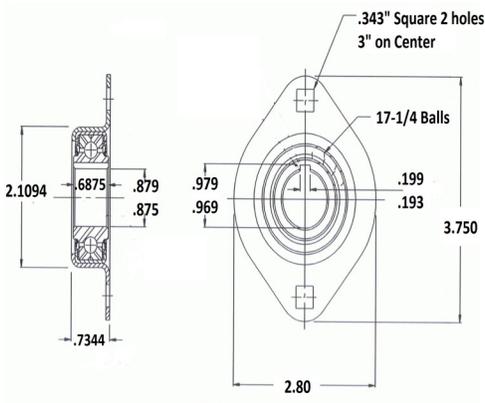


**Lutco Thrust Bearing**

# Lawn Tractor and Snow Blower Bearings

Class/Type	Bore	X	OD	Seals
UGF- Unground , Flanged UGFH- Unground Flanged , Hex Bore UGFS- Unground, Flanged, Extended Inner Race with Set Screws UGT- Unground Thrust Bearing	ID in inches	X	Outside Diameter in inches	2RS-2 Rubber Seals ZZ – 2 Metal Shields

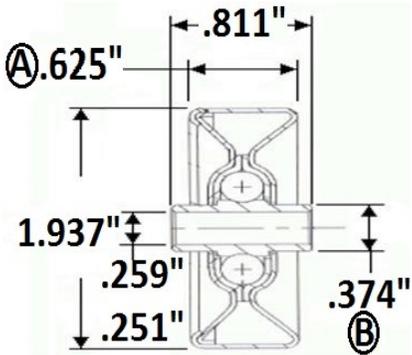
Lutco Part No.	USDI Part No.	Bore	OD	Seals
A44LFA48PP	UGF.750X1.375-2RS-L	3/4"	1-3/8"	2RS
56F48PP	UGF.750X1.750-2RS-L	3/4"	1-3/4"	2RS
HD64FA64AP	UGF1.00X2.00-1RS-L	1"	2"	1RS
64F64PP	UGF1.00X2.00-2RS-L	1"	2"	2RS
41FLMXKZ56PP3	UGF.875X1.750KW-2RS-L	7/8"	1-3/4"	2RS
C56FAH44P	UGFH.6875X1.750-1RS-L	11/16"	1-3/4"	1RS



**UGF.875X1.750KW-2RS-L**

Lutco Snow Blower Replacement Bearing with Key way

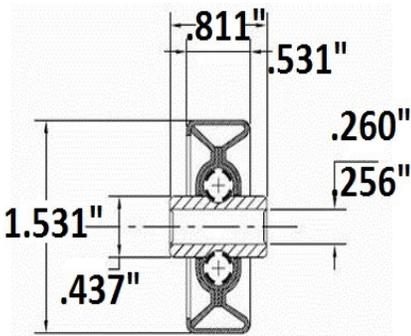
# Standard Skate Wheels



**SW1.9**

Load Rating 70 Lbs.

Part Number	A	B
SW1.9X250	.251" / .259"	.625"
SW1.9XN250	.251" / .259"	.562"
SW1.9X320	.316" / .320"	.625"
SW1.9XN320	.316" / .320"	.562"



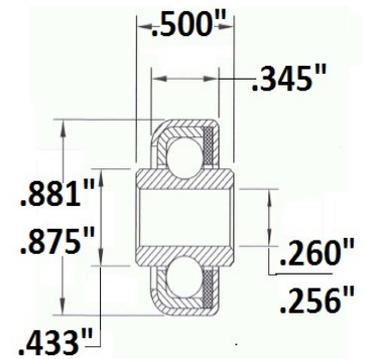
**SW1.5X250**

Load Rating 100 Lbs.



**SW.875X250**

Load Rating 40 Lbs.

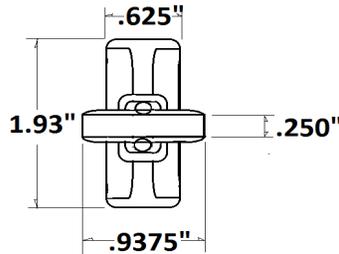


# Specialty Skate Wheels



**SWP1.9X250**

Load Rating 40 Lbs.



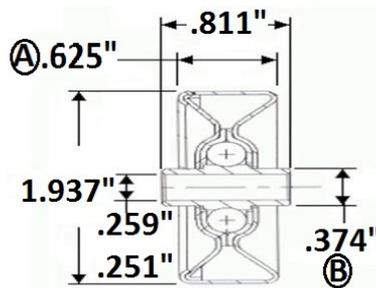
**SWP1.9XB250**

Load Rating 40 Lbs.



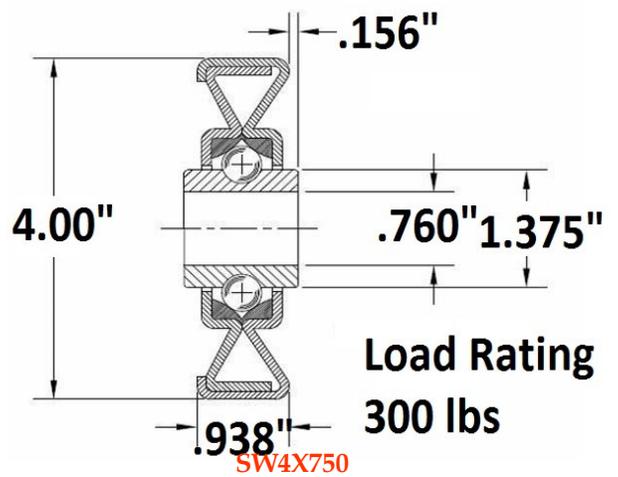
**SW1.9X250SS**

Load Rating 50 Lbs.



**PSW1.9X250/ PSW1.9X320**

Standard Skate Wheel with Plastic Cover



**Load Rating  
300 lbs**

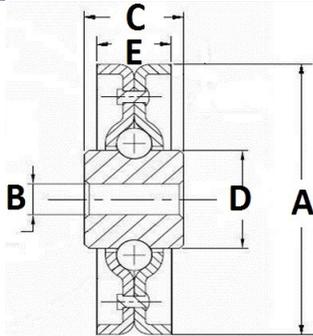
Load Rating 300 Lbs.



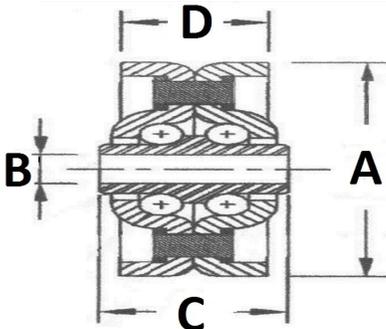
**PSW1.93**

Plastic Skate Wheel Cover will Fit all  
1.9 wheels

## Conveyor Wheels

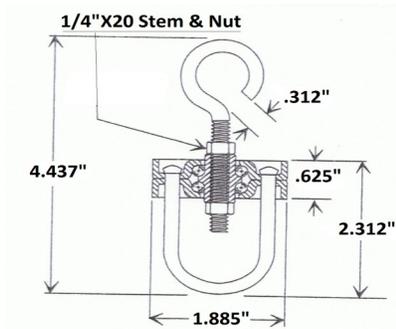


Part Number	A	B	C	D	E	Load Rating
CW-2.75X320	2-3/4"	5/16"	7/8"	9/16"	21/32"	100 Lbs.
CW-2.75XO320	2-3/4"	5/16"	51/64" offset .227	9/16"	21/32"	100 Lbs.
CW-2.75XO375	2-3/4"	3/8"	1-1/16" offset 9/16"	1"	15/16"	200 Lbs.



Part Number	A	B	C	D	E	Load Rating
CW-1.875X250	1-7/8"	1/4"	13/16"	3/8"	5/8"	120 Lbs.
CW-1.875X320	1-7/8"	5/16"	13/16"	3/8"	5/8"	120 Lbs.

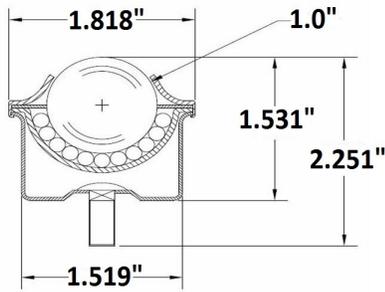
## Overhead Rotation Carrier



**61RC00**  
Load Rating 100 Lbs.



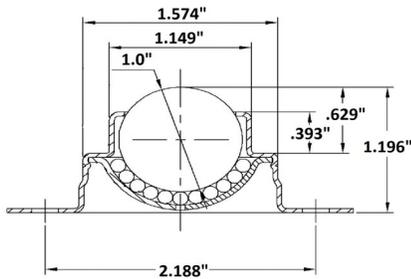
# Ball Transfers



**BT1-250**

Load Rating 150 Lbs. 1/4" X 20 Stud

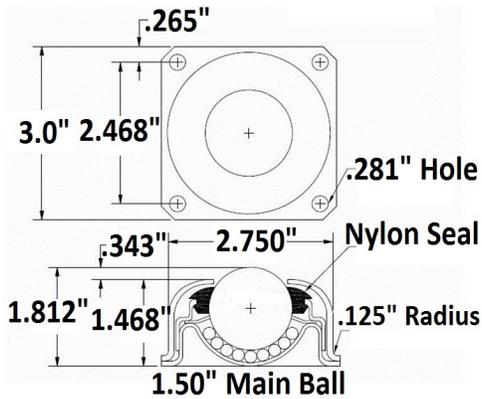
Also Available with Nylon Ball



**BTF1-2H**

Load Rating 150 Lbs. 2 Bolt Flange

Also Available with Nylon Ball



**BTF1.5-4H**

Load Rating 250Lbs. 4 Bolt Flange



## Interchange Chart

### Conveyor Bearings

USDI	Frantz	Mathews		USDI	Frantz	Mathews
CB-385R79	3879	B1000-1		CB-177H05	1705	B5241
CB-385R79	3879	B1001-1		CB-2511H30/35EC00	2530/3500	B5248
CB-297H10	2900	B1020-1		<a href="#">Skate Wheels</a>		
CB-297H10	2900-G	B1020-2		SW1.9X250	50	B4000-1
CB-297H10	2900	B1030-2		SW1.9X250A	21A	B4001-1
CB-297H10	2900	B1040-2		SW1.9X250	75	
CB-2511H00	2500	B1060-1		SW1.9X250	100	
CB-2511H00	2500-G	B1060-2		SW1.9XN250	150	
CB-2511H10	2510	B1061-2		SW1.9X320	25	
CB-2511H40	2540	B1062-2		SW1.9XN320	30	
CB-2511H42	2542	B1064-2		CW2.75X320	2758	
CB-2511H42	2542	B1065-1		CW2.75XO320	2759	B4050-1
CB-2611H00	2600	B1070-1		CW2.75X375	2765	
CB-2611H40	2640	B1070-2		SW4X750		B4080-1
CB-2611H10	2610	B1070-2		<a href="#">Ball Transfers</a>		
CB-2611H42	2642	B1073-1		BTF1-2H	1100	B4500
CB-2611H42	2642	B1073-2		BTF1-2HSS	1100SS	B4501
CB-30116H90	3090	B1080-1		BTF1-2HN	1100N	B4502
CB-30116H80	3080	B1081-2		BTF1.5H-		
CB-30116H92	3092	B1082-2		<a href="#">Heavy Duty Precision</a>		
CB-30116H90	3090	B1083-2		HDCB0511		B1150-2
CB-30116H82	3082	B1084-2		HDCB0611		B1160-2
CB-30116H95	3095	B1085-2		HDCB0611-RH		B1161-2
CB-30116H82	3082	B1086-1				
CB-017H19	119	B1230-1				
CB-017H19	119	B1230-2				
CB-125H76	1276	B1260-1				
CB-297H10	2910	B1270-1				
CB125H76	1276	B5234				
CB-107H05	1005	B5239				

## Interchange Chart

### Unground & Semi-Precision Bearings

USDI	Killan	Schatz	Nice		USDI	Killan	Schatz	Nice
UG.1875X.6875	SR-253	A1222			SP.625X1.750-2RS			1633-2RS
SP.1875X.4375-2RS			1601-2RS		SP.750X1.625-2RS			1630-2RS
UG.250X.6875	SR-254	A1622			SP.750X1.750-2RS			1635-2RS
UG.250X.750	SR-255	A1624			SP.750X2.00-2RS			1638-2RS
SP.1875X4375-2RS			1602-2RS		SP.875X2.00-2RS			1640-2RS
UG.250X1.00	SR-290	A1632			UG1.00X2.00		A6464	
UG.3125X.875	SR-268	A2028			SP1.00X2.00-2RS			1641-2RS
SP.3125X.875			1603-2RS		SP1.250X2.50-2RS			1652-2RS
SP.3125X.9062-2RS			1605-2RS		SP1.250X2.5625-2RS			1657-2RS
UG.3125X1.0625	SR-312	A2034B			SP1.3125X2.5625-2RS			1658-2RS
UG.375X.875	SR-269	A2428			Flanged unground			
SP.375X.875-2RS			1604-2RS		UGF.1875X.625		Af1220	
UG.375X.9062		A2429			UGF.250X.500			
SP.375X1.0625-2RS			1606-2RS		UGF.250X.6875	F-150	AF1622	
UG.375X1.125	SR-333	A2436			UGF.250X.750	F-155	AF1624	
SP.375X1.125-2RS			1614-2RS		UGF.250X.8125	F-160		
UG.4375X.9062		A2829			UGF.250X.875		AF1628	
SP.4375X.9062-2RS			1607-2RS		UGF.250X.9062	F-175-1	AF1629	
SP.4375X1.125-2RS			1615-2RS		UGF.3125X.875	F-165	AF2028	
SP.4375X1.375-2RS			1620-2RS		UGF.3125X.9062	F-175-2	AF2029	
UG.500X1.125	SR-337	A3236			UGF.3125X1.0625		AF2034	
SP.500X1.125-2RS			1616-2RS		UGF.375X.9062	F-175-3	AF2429	
UG.500X1.375	SR-381	A3244						
SP.500X1.375-2RS			1621-2RS		UGF.375X1.00	F-225		
UG.750X1.750		A3256			UGF.735X1.0625	F-250-2	AF2434	
SP.5625X1.375-2RS			1622-2RS		UGF.375X1.125	F-300-19	AF2436	

## Interchange Chart

### Unground & Semi-Precision Bearings

USDI	Killan	Schatz	Nice	USDI	Killan	Schatz	Nice
SPSR.500X1.125-2RS			1616-2RSNR	SPSR.750X1.750-2RS			1635-2RSNR
UGF.500X1.125				UGF.750X2.00		AF4864	
UGF.500X1.875	F-310	AF3238		UGF.750X2.125		AF4868	
UGF.500X1.250		AF3240		UGF.750X2.250		AF4872	
UGF.500X1.375	F-350-12	AF3244		UGF.750X2.3125		AF4874	
SPSR.500X1.375-2RS			1621-2RSNR	UGF.875X2.00	F-1000		
UGF.500X1.500		AF3248		UGF.875X2.500		AF5680	
UGF.500X1.50-EX.INR			32703-01	UGF1.00X2.00	F-1000-	AF6464	
UGF.500X1.5625	F-550	AF3250		SPSR1.00X2.00-2RS			1641-2RSNR
UGF.500X1.625		AF3252		UGF1.00X2.125		AF6468	
UGF.500X1.750		AF3256		UGF1.00X2.125-2RS		AF6468	
UGF.500X1.875		AF3260		UGF1.00X2.250		AF6472	
UGF.500X2.125		AF3268		UGF1.25X2.125	F-1100		
UGF.5625X1.250	F-325			UGF1.250C2.500		AF8080	
UGF.5625X1.375		AF3644		<b>Flanged Hex Bore</b>			
SPSR.5625X1.375-2RS			1622-2RSNR	UGFH.3125X.875		AFH2028	
UGF.5625X1.500		AF3648		UGFH.3125X1.125		AFH2036	
UGF.5625X1.500		AF3648		UGFH.375X1.125		AFH2436	
UGF.625X1.250		AF4040		UGFH.4375X1.125		AFH2836	
UGF.625X1.375	F-350-13	AF4044		UGFH.4375X1.375		AFH2844	
SPSR.625X1.375-2RS			1623-2RSNR	UGFH.4375X1.500		AFH2848	
UGF.625X1.500-2RS		AF4048		UGFH.4375X1.750		AFH2856	
UGF.625X1.875	F-850			UGFH.4375X2.125		AFH2868	
UGF.6875X1.500	F-500	AF4448		UGFH.500X1.500		AFH3248	
UGF.750X1.375-2RS	F-350-89	AF4844		UGFH.625X1.750		AFH4056	
UGF.750X1.625	F-600-3			UGFH.750X2.00		AFH4864	
SPSR.750X1.625-2RSNR			1630-2RSNR				
UGF.750X1.6875	F-700						
UGF.750X1.750	F-730	AF4856					

# Pipe Size Chart & Fraction to Decimal Chart

TUBE / PIPE SIZES (to assist in Bearing selection)

Sheet Metal Gauges		Approximate Tubing OD / ID				Dimensions of WELDED & SEAMLESS WROUGHT STEEL PIPE				
Gauge	Decimal	OD (in.)	Gauge	Wall (in.)	ID (in.)	Nom. Size(in)	Schedule	Wall (in.)	Actual ID	Actual OD
1	0.28125	1	18	0.049	0.902	1	40	0.133	1.049	1.315
2	0.26562	1	16	0.065	0.870	1	80	0.179	0.957	1.315
3	0.23910	1	14	0.083	0.834	1-1/4	40	0.140	1.380	1.660
4	0.22420	1-1/4	18	0.049	1.152	1-1/4	80	0.191	1.278	1.660
5	0.20920	1-1/4	16	0.065	1.120	1-1/2	40	0.145	1.610	1.900
6	0.19430	1-1/4	14	0.083	1.084	1-1/2	80	0.200	1.500	1.900
7	0.17930	1-3/8	18	0.049	1.277	2	40	0.154	2.067	2.375
8	0.16440	1-3/8	16	0.065	1.245	2	80	0.218	1.939	2.375
9	0.14950	1-3/8	14	0.083	1.209	2-1/2	40	0.203	2.469	2.875
10	0.13450	1-1/2	18	0.049	1.402	2-1/2	80	0.276	2.323	2.875
11	0.11960	1-1/2	16	0.065	1.370	2-1/2	160	0.375	2.125	2.875
12	0.10460	1-1/2	14	0.083	1.334	3	40	0.216	3.068	3.500
13	0.08970	1-7/8	18	0.049	1.777	3	80	0.300	2.900	3.500
14	0.07470	1-7/8	16	0.065	1.745	3	160	0.438	2.624	3.500
15	0.06730	1.9	17	0.058	1.784	3-1/2	40	0.226	3.548	4.000
16	0.05980	1.9	16	0.065	1.770	3-1/2	80	0.318	3.364	4.000
17	0.05380	1.9	14	0.083	1.734					
18	0.04780	1.9	12	0.109	1.682					
19	0.04180	1.9	11	0.120	1.660					
20	0.03590	1.9	9	0.148	1.604					
21	0.03290	2	20	0.035	1.930					
22	0.02990	2	18	0.049	1.902					
23	0.02690	2	16	0.065	1.870					
24	0.02390	2	14	0.083	1.834					
25	0.02090	2-1/4	18	0.049	2.152					
26	0.01790	2-1/4	16	0.065	2.120					
27	0.01640	2-1/4	14	0.083	2.084					
28	0.01490	2-1/2	14	0.083	2.334					
29	0.01350	2-1/2	13	0.095	2.310					
30	0.01200	2-1/2	12	0.109	2.282					
31	0.01094	2-1/2	11	0.120	2.260					
32	0.01016	2-9/16	7	0.180	2.202					
33	0.00938	3	13	0.095	2.810					
34	0.00859	3	11	0.120	2.760					
35	0.00781	3	10	0.134	2.732					
36	0.00703	3-1/4	11	0.120	3.010					
37	0.00664	3-1/4	9	0.148	2.954					
38	0.00625									

8ths	16ths	32nds	64ths
1/8 - .125	1/16 - .0625	1/32 - .0312	1/64 - .0156
1/4 - .250	3/16 - .1875	3/32 - .0938	3/64 - .0469
3/8 - .375	5/16 - .3125	5/32 - .1562	5/64 - .0781
1/2 - .500	7/16 - .4375	7/32 - .2188	7/64 - .1094
5/8 - .625	9/16 - .5625	9/32 - .2812	9/64 - .1406
3/4 - .750	11/16 - .6875	11/32 - .3438	11/64 - .1719
7/8 - .875	13/16 - .8125	13/32 - .4062	13/64 - .2031
	15/16 - .9375	15/32 - .4688	15/64 - .2344
		17/32 - .5312	17/64 - .2656
		19/32 - .5938	19/64 - .2969
		21/32 - .6562	21/64 - .3281
		23/32 - .7188	23/64 - .3594
		25/32 - .7812	25/64 - .3906
		27/32 - .8438	27/64 - .4531
		29/32 - .9062	29/64 - .4844
		31/32 - .9688	31/64 - .5156
			35/64 - .5469
			37/64 - .5781
			39/64 - .6094
			41/64 - .6406
			43/64 - .6719
			45/64 - .7031
			47/64 - .7344
			49/64 - .7656
			51/64 - .7969
			53/64 - .8281
			55/64 - .8594
			57/64 - .8906
			59/64 - .9219
			61/64 - .9531
			63/64 - .9844

## USDI Tools

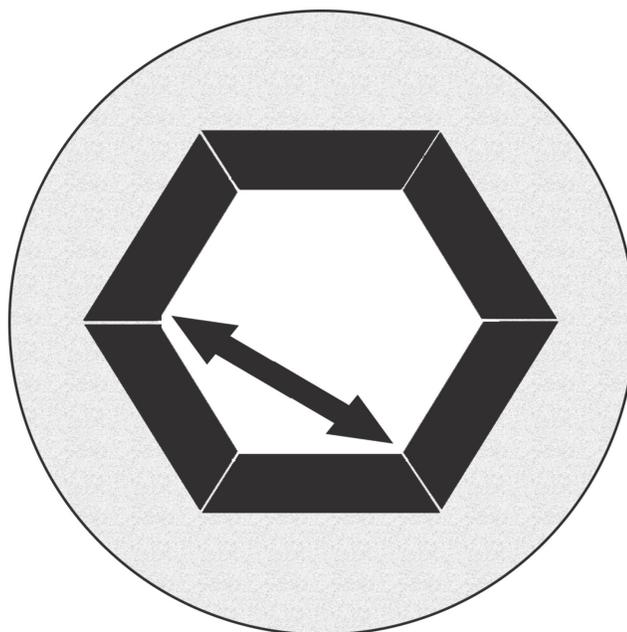
*How to Measure a Hex Bore*



### To Properly Measure a HEX Bore Dimension:

*(Think of a the hex as a clock - DO NOT measure flat to flat.)*

1. Place one caliper end at the groove (not at the flat) at 6:00.
2. Place the other caliper end at the groove at either 10:00 or 2:00.



United Sales Distributors, Inc.  
85 Morganton Industrial Park  
Morganton, GA 30560  
www.usdi.biz | 800-531-3560

