

Bearings with Housings –Double Bearings with Retaining Rings–



The Double Bearing Housings are available in three different mounting flange configurations: Round, Square and Compact. The O.D. is manufactured with fine tolerance and can be used for accurate locating. The bearings are contained inside the housing with the help of retaining rings. You can choose from a variety of spacing configurations between the two bearings inside the housing, so it can best fit your application.

Material	Surface Treatment	Type	
		Round	Square
1045 Steel	Electroless Nickel Plating	U-BGRB	U-BGSB
2017 Aluminum	Clear Anodizing	U-BARB	U-BASB
304 Stainless Steel	-	U-SBGRB	U-SBGSB

Material Characteristics P.628,629

Bearing Tolerance: ABEC-1 ANSI/ABMA20-1987 P.274
Included Hardware: Retain Ring (304 Stainless Steel)

Round

Square

General Tolerance Unless otherwise specified use the table below.

From	To	Tolerance
0.000	5.000	±0.01
5.001	16.000	±0.02
16.001	60.000	±0.05

Thread or hole location tolerance: ±0.005' non-cumulative.

Surface Roughness: Unless otherwise specified

Part No.	L Selection					\$ Unit Price (Qty. 1-9)						
	Type	Bearing No.	1"	1-1/4	1-1/2	Round		Square				
						U-BGRB	U-BARB	U-SBGRB	U-BGSB	U-BASB	U-SBGSB	
Round U-BGRB U-BARB U-SBGRB Square U-BGSB U-BASB U-SBGSB	6000ZZ	1.00		1.50			40.90	44.20	63.50	45.20	50.20	71.30
	6001ZZ	1.00		1.50			42.80	47.90	65.20	46.50	53.60	74.60
	6002ZZ		1.25		2.00		44.80	49.20	74.00	50.10	57.00	83.40
	6003ZZ			1.50	2.00		49.30	57.40	92.50	56.60	63.40	105.60
	6004ZZ			1.50	2.00		50.20	58.90	96.50	56.90	65.20	109.20
	6005ZZ			1.50		2.25	52.40	60.10	98.70	58.00	68.00	112.50

The part number consists only of the fields with blue characters. Please refer to the table below for technical information.

Order Example

Part No. -

Type Bearing No. -

Technical Information

Bearing No.	d		D (H7)		B		L1	ℓ	H	T	dh	D1		P.C.D.	K	d2	d1	H1	Compatible Bolt	
	mm	Inch	mm	Inch	mm	Inch						Dimension	Tolerance (in)							
6000ZZ	10	0.3937	26	1.0236	8	0.315	L+0.250	0.125	1.94	0.313	0.866	1.2500	1.2496	1.2487	1.563	1.50	0.180	0.313	0.180	#8
6001ZZ	12	0.4724	28	1.1024	8	0.315	L+0.250	0.125	2.06	0.313	0.945	1.3125	1.3121	1.3112	1.625	1.56	0.180	0.313	0.180	#8
6002ZZ	15	0.5906	32	1.2598	9	0.354	L+0.250	0.125	2.38	0.375	1.102	1.5000	1.4996	1.4987	1.875	1.81	0.206	0.375	0.206	#10
6003ZZ	17	0.6693	35	1.3780	10	0.394	L+0.375	0.188	2.56	0.375	1.220	1.6875	1.6871	1.6862	2.063	1.94	0.206	0.375	0.206	#10
6004ZZ	20	0.7874	42	1.6535	12	0.472	L+0.375	0.188	2.94	0.438	1.417	1.8750	1.8746	1.8737	2.375	2.31	0.281	0.438	0.281	1/4
6005ZZ	25	0.9843	47	1.8504	12	0.472	L+0.375	0.188	3.38	0.500	1.614	2.1250	2.1246	2.1234	2.750	2.63	0.344	0.531	0.344	5/16

The D (H7) is a standard fit representing clearance fit tolerance. P.608

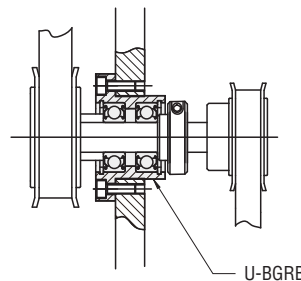
Days to Ship Day



Quantity Discount Rate

Quantity	1-9	10-19	20-49	50~
Rate	—	2%	3%	5%

For larger quantity orders "Days to Ship" may differ from published catalog term. P.29



Material	Surface Treatment	Type	
		Compact	
1045 Steel	Electroless Nickel Plating	U-BGCB	
2017 Aluminum	Clear Anodizing	U-BACB	
304 Stainless Steel	-	U-SBGCB	

Material Characteristics P.628,629

Bearing Tolerance: ABEC-1 ANSI/ABMA20-1987 P.274
Included Hardware: Retain Ring (304 Stainless Steel)

Round

Compact

General Tolerance Unless otherwise specified use the table below.

From	To	Tolerance
0.000	5.000	±0.01
5.001	16.000	±0.02
16.001	60.000	±0.05

Thread or hole location tolerance: ±0.005' non-cumulative.

Surface Roughness: Unless otherwise specified

Part No.	L Selection						\$ Unit Price (Qty. 1-9)			
	Type	Bearing No.	3/4	1"	1-1/4	1-1/2	Compact			
							U-BGCB	U-BACB	U-SBGCB	
Compact U-BGCB U-BACB U-SBGCB	626ZZ		0.75		1.25		40.20	43.20	65.40	
	628ZZ			1.00		1.50	42.10	48.10	67.30	
	600ZZ			1.00		1.50	43.60	49.60	68.90	
	6001ZZ			1.00		1.50	44.70	52.30	72.20	
	6002ZZ				1.25	2.00	48.00	54.60	80.40	
	6003ZZ				1.50	2.00	52.80	61.50	103.70	
	6004ZZ				1.50	2.00	54.90	62.70	105.50	
	6005ZZ				1.50		2.25	56.20	64.30	108.00

The part number consists only of the fields with blue characters. Please refer to the table below for technical information.

Order Example

Part No. -

Type Bearing No. -

Technical Information

Bearing No.	d		D (H7)		B		L1	ℓ	H	T	dh	D1		W	A	F	d2	d1	H1	Compatible Bolt	
	mm	Inch	mm	Inch	mm	Inch						Dimension	Tolerance (in)								
626ZZ	6	0.2362	19	0.7480	6	0.236	L+0.250	0.125	1.63	0.313	0.591	0.8750	0.8747	0.8739	0.94	1.250	-	0.180	0.313	0.180	#8
628ZZ	8	0.3150	24	0.9449	8	0.315	L+0.250	0.125	1.81	0.313	0.787	1.1250	1.1247	1.1239	1.25	1.438	-	0.180	0.313	0.180	#8
600ZZ	10	0.3937	26	1.0236	8	0.315	L+0.250	0.125	1.94	0.313	0.866	1.2500	1.2496	1.2487	1.31	1.563	-	0.180	0.313	0.180	#8
6001ZZ	12	0.4724	28	1.1024	8	0.315	L+0.250	0.125	2.06	0.313	0.945	1.3125	1.3121	1.3112	1.38	1.625	-	0.180	0.313	0.180	#8
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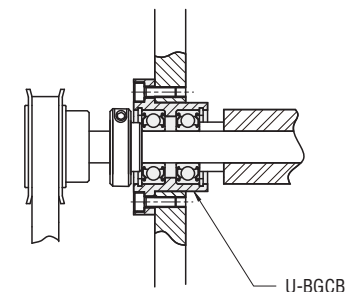
Days to Ship Day



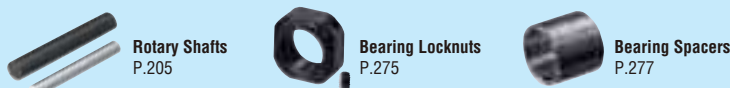
Quantity Discount Rate

Quantity	1-9	10-19	20-49	50~
Rate	—	2%	3%	5%

For larger quantity orders "Days to Ship" may differ from published catalog term. P.29



Related Components



Express Options P.30

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