

Bearings with Housings - Outer Ring Captured - Overview

Bearings with Housings

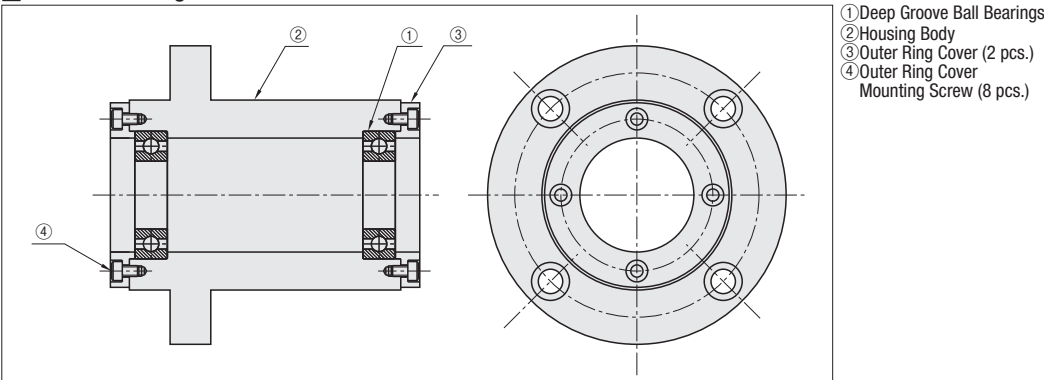
Outer Ring Captured

Bearings with Housings, Outer Ring Captured

■Features

• Bearings with Housings Outer Ring Captured Type have outer ring covers as standard features, which prevents the bearing outer rings from moving in thrust directions.

■Construction Diagram



■Application

• Suitable for relatively high-loading uses such as heavy load / high-speed applications.
(When used to support thrust loads, please consider Angular Contact Bearings with Housings on P.981~986.)

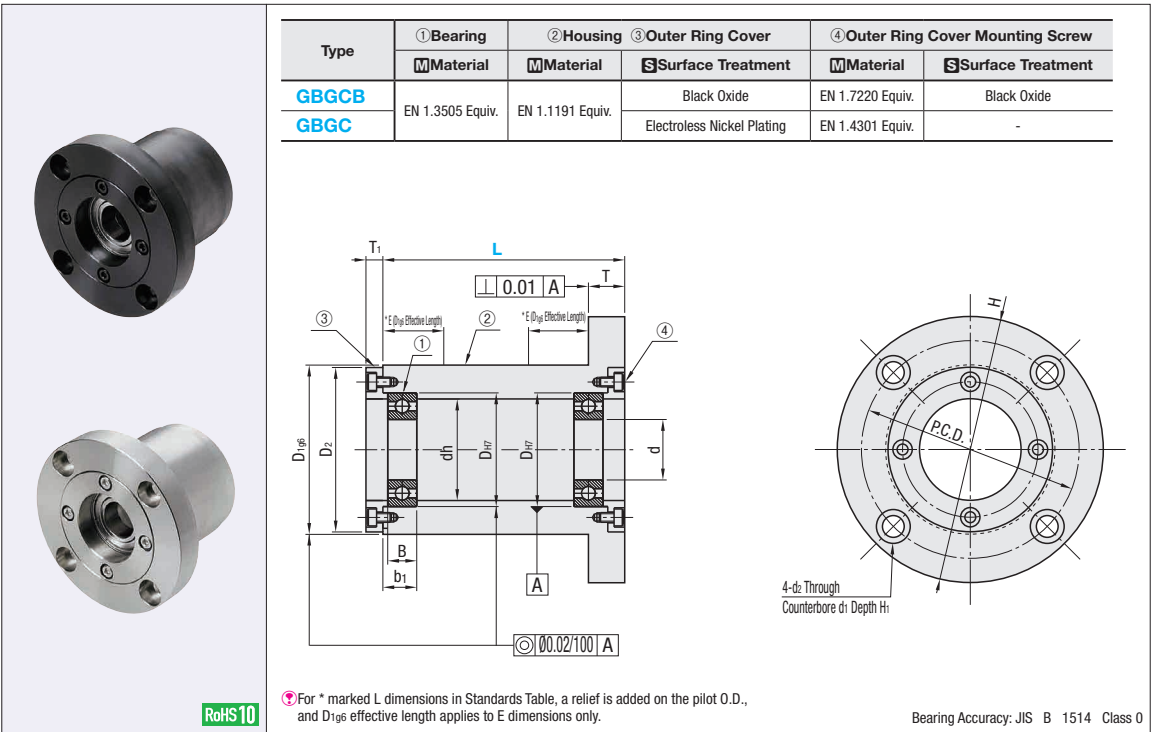
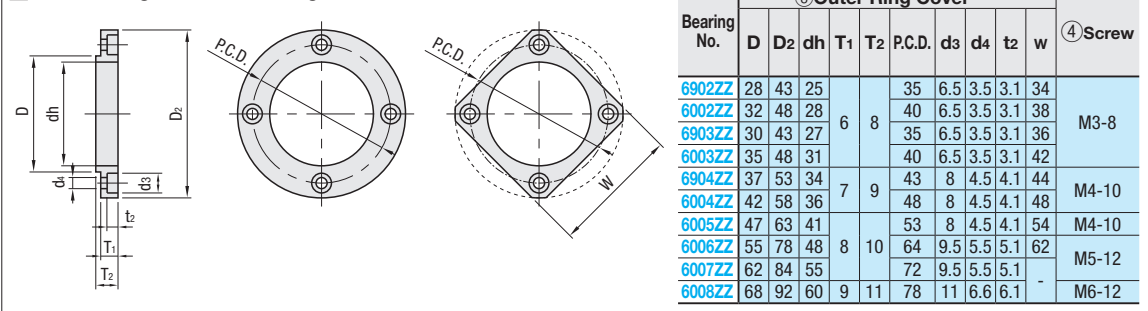
■App. Example

App. Example ① (Standard)

App. Example ② (Pilot)



■Detailed Diagram for Outer Ring Cover



Part Number		L Selection		d	DH7	Tolerance	B	b1	H	D2	T	dh	*E	D196	Tolerance	P.C.D.	d1	d2	H1	T1		
Type	Bearing No.																					
GBGCB (Black Oxide) GBGC (Electroless Nickel Plating)	6902ZZ	30	50	70	15	28	+0.021 0	7	9	70	43	12	25	-	45	-0.009 -0.025	57	11	6.6	6.5	6	
	6002ZZ	40	60	*80		32	+0.025 0	9	11	75	48		28	50	62							
	6903ZZ	40	60	*80		30	+0.021 0	7	9	70	43		27	18	45		57					
	6003ZZ	40	60	*80	17	35	+0.025 0	10	12	75	48	15	31		50	-0.010 -0.029	62	14	9	8.5	7	
	6904ZZ	40	60	80		20		37	9	11	87		53	34	-		55					70
	6004ZZ	50	70	*90		42			12	14	92		58	22	36		60					75
	6005ZZ	50	80	*100	25	47	+0.030 0	13	15	120	78	18	41	27	65	-0.012 -0.034	80	17.5	11	10.5	8	
	6006ZZ	50	80	*100	30	55		14	16	126	84		48	80	100							
	6007ZZ	70	*100	35	62	14		16	126	84	55		86	106								
6008ZZ	70	100	40	68		15	17	140	92	20	60	-	95		116					9		



Ordering Example

Part Number		-	L
Type	Bearing		
GBGCB	6903ZZ	-	40

Bearing No.	L	GBGCB		GBGC	
		Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
6902ZZ	30	1 pc.	2-4 pcs.	1 pc.	2-4 pcs.
	50				
	70				
6002ZZ	40				
	60				
	80				
6903ZZ	40				
	60				
	80				
6003ZZ	40				
	60				
	80				
6904ZZ	40				
	60				
	80				

Bearing No.	L	GBGCB		GBGC	
		Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
6004ZZ	50	1 pc.	2-4 pcs.	1 pc.	2-4 pcs.
	70				
	90				
6005ZZ	50				
	80				
	100				
6006ZZ	50				
	80				
	100				
6007ZZ	70				
	100				
	70				
6008ZZ	100				

For orders larger than indicated quantity, please request a quotation.