

# Bearings with Housings - Cast

## Space Saving, Single Bearings

25% more economical than milled products.

Type			Material		Surface Treatment		Accessory: Retaining Ring
Non-Retained	Retained	Pilot, Retained	Bearing	Housing	Housing		
C-BGCNB	C-BGCAB	C-BGCRB	Bearing Steel	S45C Equivalent	Black Oxide		Spring Steel
C-BGCN	C-BGCA	C-BGCR			Electroless Nickel Plating		

  
  
  
  
  

Bearing Accuracy: JIS B 1514 Class 0

Part Number	Type	Bearing No.	d	DH7	D1g7	dh	B	T	T1	W	A	H	M	d1	H1	Allowable Rotational Speed rpm (Reference)
608ZZ	Non-Retained	608ZZ	8	22	25	19	7	9	12	29	35	45	5	8	4.4	34000
6900ZZ	C-BGCNB	6900ZZ	10	22	25	19	6	8	11	29	35	45	5	8	4.4	32000
6000ZZ	C-BGCN	6000ZZ	10	26	30	22	8	10	13	34	40	50	5	8	4.4	30000
6901ZZ	Retained	6901ZZ	12	24	30	22	6	8	11	34	40	50	5	8	4.4	30000
6001ZZ	C-BGCAB	6001ZZ	12	28	32	24	8	10	13	36	42	52	5	8	4.4	27000
6902ZZ	C-BGCA	6902ZZ	15	28	33	25	7	9	12	37	45	57	6	9.5	5.4	26000
6002ZZ	Pilot, Retained	6002ZZ	15	32	36	28	9	11	14	40	48	60	6	9.5	5.4	23000
6904ZZ	C-BGCRB	6904ZZ	20	37	43	34	9	11	15	47	56	69	8	11	6.5	19000
6004ZZ	C-BGCR	6004ZZ	20	42	50	36	12	14	18	54	64	77	8	11	6.5	17000

Bearings used for this product are equivalent to the ones shown on P1018, 1020.  
 • This is a product designed exclusively for light load, intermediate and low rotation speeds, and medium rotational accuracy applications.  
 • Confirm the internal clearance and load rating.  
 • Do not use in areas where heavy load or high speed is applied or where high rotational accuracy is required.

Ordering Example

Part Number	
Type	Bearing
C-BGCN	6000ZZ

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Type	Unit Price					
	Non-Retained		Retained		Pilot, Retained	
	C-BGCNB	C-BGCN	C-BGCAB	C-BGCA	C-BGCRB	C-BGCR
Bearing No.						
608ZZ						
6900ZZ						
6000ZZ						
6901ZZ						
6001ZZ						
6902ZZ						
6002ZZ						
6904ZZ						
6004ZZ						

# Bearings with Housings - Cast

## Space Saving, Double Bearings

35% more economical than milled products.

Type				Material		Surface Treatment		Accessory: Retaining Ring
Non-Retained	Pilot, Non-Retained	Retained	Pilot, Retained	Bearing	Housing	Housing		
C-BGCCB	C-BGCYB	C-BGCBB	C-BGCZB	Bearing Steel	S45C Equivalent	Black Oxide		Spring Steel
C-BGCC	C-BGCY	C-BGCB	C-BGCZ			Electroless Nickel Plating		

  
  
  
  
  
  

Bearing Accuracy: JIS B 1514 Class 0

Part Number	Type	Bearing No.	d	DH7	D1g7	dh	B	T	ℓ	L	W	A	H	d1	d2	H1	Allowable Rotational Speed rpm (Reference)
608ZZ	Non-Retained	608ZZ	8	22	27	19	7	8	2.65	25	29	38	48	8	4.5	4.1	34000
6900ZZ	C-BGCCB	6900ZZ	10	22	27	19	6	8	2.65	25	29	38	48	8	4.5	4.1	32000
6000ZZ	C-BGCC	6000ZZ	10	26	32	22	8	8	2.85	25	34	44	54	8	4.5	4.1	30000
6901ZZ	Pilot, Non-Retained	6901ZZ	12	24	32	22	6	8	2.85	25	34	44	54	8	4.5	4.1	30000
6001ZZ	C-BGCYB	6001ZZ	12	28	34	24	8	8	2.85	25	36	46	56	8	4.5	4.1	27000
6902ZZ	C-BGCY	6902ZZ	15	28	35	25	7	10	2.85	25	37	48	60	9.5	5.5	5.1	26000
6002ZZ	Retained	6002ZZ	15	32	38	28	9	10	2.85	30	40	52	64	9.5	5.5	5.1	23000
6904ZZ	C-BGCBB	6904ZZ	20	37	45	34	9	11	3.75	35	47	60	74	11	6.6	6.1	19000
6004ZZ	C-BGCB	6004ZZ	20	42	50	36	12	11	3.95	40	52	66	80	11	6.6	6.1	17000

Bearings used for this product are equivalent to the ones shown on P1018, 1020.  
 • This is a product designed exclusively for light load, intermediate and low rotation speeds, and medium rotational accuracy applications.  
 • Confirm the internal clearance and load rating.  
 • Do not use in areas where heavy load or high speed is applied or where high rotational accuracy is required.

Ordering Example

Part Number	
Type	Bearing
C-BGCC	6000ZZ

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Type	Unit Price							
	Non-Retained		Pilot, Non-Retained		Retained		Pilot, Retained	
	C-BGCCB	C-BGCC	C-BGCYB	C-BGCY	C-BGCBB	C-BGCB	C-BGCZB	C-BGCZ
Bearing No.								
608ZZ								
6900ZZ								
6000ZZ								
6901ZZ								
6001ZZ								
6902ZZ								
6002ZZ								
6904ZZ								
6004ZZ								