


# Low Dust Raise Greased Bearings with Housings

## Double Bearings

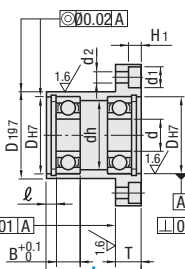
**Low Dust Raise Greased Bearings with Housings – Double Bearings**



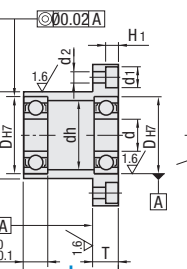
Retained		Unretained		Material		Surface Treatment	
Round	Compact	Compact		Bearings	Housing	Bearings	Housing
S-SBARB	S-SBACB	S-SBACC		Stainless Steel	2000 Series Aluminum Alloy	Clear Anodize	Electroless Nickel Plating
—	—	S-SBAMCC		304 Stainless Steel or Equivalent	—	—	—
S-SBGRB	—	S-SBGCC		—	—	—	—

6.3/(1.6/)

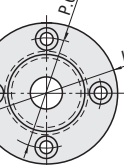
**Retained**



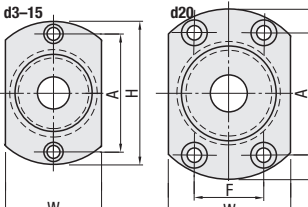
**Non-Retained**



**Round**



**Compact**



Bearing Accuracy JIS B 1514 Class 0    Accessories: Retaining Ring (304 Stainless Steel)

Part Number		L Selection	d	D <sub>197</sub>	Tolerance	B	ℓ	H	W	T	dh	D <sub>197</sub>	Tolerance	P.C.D.	A	F	d <sub>1</sub>	d <sub>2</sub>	H <sub>1</sub>
Typ	Bearing No.																		
Retained (Round)	623ZZ	20 30	3	10	+0.015 0	4	2.65	33	16	7	7	14	-0.006 -0.024	24	24	—	6.5	3.5	3.1
	624ZZ	20 30	4	13	+0.018 0	5	2.65	35	18	7	9	17	-0.007 -0.028	26	26	—	8	4.5	4.1
	605ZZ	20 30	5	14		10	18	26	26										
	625ZZ	25 30	5	16		12	20	28	28										
	606ZZ	20 35	6	17	+0.021 0	6	2.65	39	23	8	13	21	-0.009 -0.034	29	29	—	8	4.5	4.1
	608ZZ	25 35	8	22		18	27	35	35										
	690ZZ	25 40	10	22		19	27	35	35										
	600ZZ	25 40	10	26	+0.021 0	8	2.85	50	34	8	22	32	-0.009 -0.034	40	40	—	8	4.5	4.1
	620ZZ	30 40				9	2.85	54	38		21	30		38	38				
	6901ZZ	25 40				12	24	6	2.85		48	31		24	34				
	6001ZZ	25 40	12	28	+0.025 0	8	2.85	52	36	10	24	34	-0.009 -0.034	42	42	—	9.5	5.5	5.1
	6201ZZ	30 40				10	2.85	56	40		26	38		46	46				
6902ZZ	25 50	15				28	7	2.85	57		37	25		35	45				
6002ZZ	30 50	15	32	+0.025 0	9	2.85	60	40	10	28	38	-0.010 -0.040	48	48	—	11	6.6	6.1	
6202ZZ	35 50				11	3.75	64	44		29	42		52	52					
6904ZZ	35 50				9	3.75	69	47		34	45		56	51					24
6004ZZ	40 50	20	42	+0.025 0	12	3.95	77	54	11	36	50	-0.010 -0.040	64	56	32	11	6.6	6.1	
6204ZZ	45 50				14	3.95	81	58		40	54		68	59	34				

Bearing No.	Available Types					
	Retained (Round)		(Compact)	Non-Retained (Compact)		
	S-SBARB	S-SBGRB	S-SBACB	S-SBACC	S-SBAMCC	S-SBGCC
623ZZ	•	•	•	•	•	•
624ZZ	•	•	•	•	•	•
605ZZ	•	•	•	•	•	•
625ZZ	•	•	•	•	•	•
606ZZ	•	•	•	•	•	•
608ZZ	•	•	•	•	•	•
690ZZ	•	•	•	•	•	•
600ZZ	•	•	•	•	•	•
620ZZ	•	•	•	•	•	•
6901ZZ	•	•	•	•	•	•
6001ZZ	•	•	•	•	•	•
6201ZZ	•	•	•	•	•	•
6902ZZ	•	•	•	•	•	•
6002ZZ	•	•	•	•	•	•
6202ZZ	•	•	•	•	•	•
6904ZZ	•	•	•	•	•	•
6004ZZ	•	•	•	•	•	•
6204ZZ	•	•	•	•	•	•

**Part Number Example**  
 Part Number - L  
 S-SBACB6900ZZ - 25

**Application Example**  
 See Application Example on P.975, 977, 979.  
 Low Dust Raise Greased Bearings on P.1034.


**Part Number Alterations**  
 Part Number - L - (NA)  
 S-SBACB6900ZZ - 25 - NA

Alteration	Bearings, Retaining Rings Not Assembled
Code	NA
Spec.	Bearing and retaining ring are shipped unassembled to the housing.

# Bearings with Housings

## L-Shaped, Retained

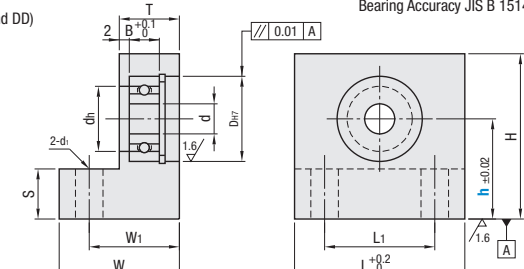
**Bearings with Housings – L-Shaped, Retained**



Type		Material		Surface Treatment		Accessory Retaining Ring	
Selectable h	Configurable h	Bearings	Housing	Housing		Retaining Ring	
BGLKB	BGLFB	Steel	1045 Carbon Steel or Equivalent	Black Oxide		Spring Steel	
BGLK	BGLF			Electroless Nickel Plating		304 Stainless Steel or Equivalent	
BGLKA	BGLFA			Clear Anodize		304 Stainless Steel or Equivalent	
BGLKSA	BGLFSA	Stainless Steel	2000 Series Aluminum Alloy	Clear Anodize		304 Stainless Steel or Equivalent	
BGLKS	BGLFS			—		—	

Bearing Accuracy JIS B 1514 Class 0    6.3/(1.6/)

\* Bearings with Rubber Seals (VV and DD) are all made of steel.

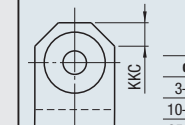


Type	Bearing No.	Seal	h		d	D <sub>197</sub>	Tolerance	dh	B	H	L	L <sub>1</sub>	W	W <sub>1</sub>	T	S	d <sub>1</sub>
			h Selection	Configurable 1 mm Increment													
h Selectable	623	ZZ Double Shielded	15 20 25	15-30	3	10	+0.015 0	7	4	h+9	20	10	20	15	10	5	4.5
	624				4	13	9	5	h+11	22	12	20	15	10			
	605				5	14	10	5	h+11	24	14	20	15	10			
	625				6	16	12	5	h+12	28	16	22	16	10			
	606				6	17	13	6	h+13	34	22	24	18	12			
	626				6	19	15	6	h+14	36	24	24	18	12			
	608				6	22	18	7	h+15	38	26	24	18	12			
	628				8	24	20	8	h+16	34	22	27	21	15			
	6900				10	22	19	6	h+15	32	20	24	18	12			
	6000				10	26	22	8	h+17	38	26	27	21	15			
	6200				12	30	24	9	h+19	40	28	27	21	15			
	6901				12	28	21	6	h+16	36	24	24	18	12			
6001	12	32	24	8	h+18	40	28	27	21	15							
6201	15	32	26	10	h+20	42	30	28	22	16							
6902	h Configurable	*VV Non-Contact Rubber Sealed	30 40 50	30-50	28	25	+0.025 0	25	7	h+18	42	30	24	18	12	15	6.5
6002					32	28	9	h+20	50	36	29	22	15				
6202					35	29	11	h+22	44	30	31	24	17				
6903	h Configurable	DD Contact Rubber Sealed	30 40 50	30-50	30	27	+0.021 0	27	7	h+19	42	30	26	20	13	12.5	6.5
6003					31	10	h+22	50	36	31	24	16					
6203					34	12	h+24	48	36	33	26	20					
6904	h Configurable	DD Contact Rubber Sealed	40 50 60	40-60	37	34	+0.025 0	34	9	h+23	45	31	29	22	15	15	9
6004					36	12	h+25	54	38	35	27	19					
6204					40	14	h+28	60	44	36	28	20					
6005	h Configurable	DD Contact Rubber Sealed	50 80	50-80	41	12	h+28	62	46	35	27	19	20	11			
6205					45	15	h+31	70	50	42	32	22					
6006					48	13	h+32	74	54	40	30	20					
6206	30	55	+0.030 0	55	16	h+36	82	62	43	33	23						

\*No. 623, 624, 605 and 606 are not available for VV (Non-contact Sealed).

**Part Number Example**  
 Part Number - h  
 Type    Bearings    Seal  
 BGLKA    6000    DD    - 30  
 BGLFA    6904    ZZ    - 45

**Part Number Alterations**  
 Part Number - h - (KCC / KCC / NA)  
 BGLF6000ZZ - 30 - KCC

Alterations	C Chamfer	C2 Chamfer	Bearings, Retaining Rings Not Assembled
Code	KKC	KCC	NA
Spec.	C chamfer (45°) on both top edge corners. Ordering Code: KKC 	C2 chamfered is done on the top edge surface.	Bearing and retaining ring are shipped unassembled to the housing.