

Bearings with Housings

Pilot, Retained

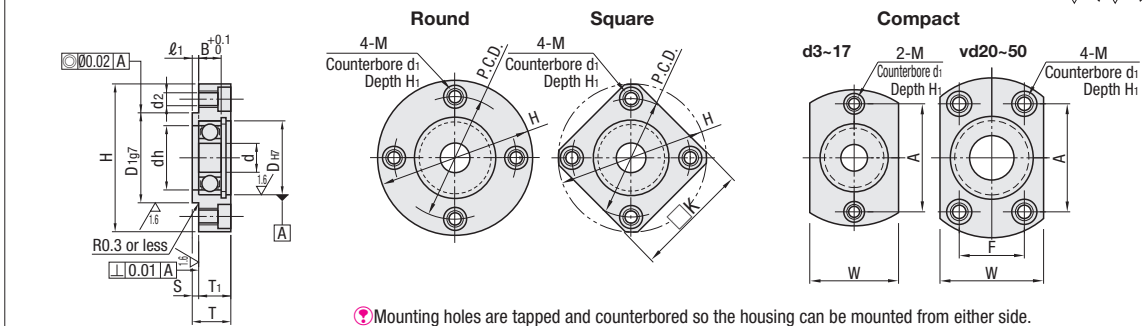


Type			Material		Surface Treatment		Accessory
Round	Square	Compact	Bearing	Housing	Bearing	Housing	Retaining Ring
BGRRB	BGSRB	BGCRB	Steel	EN 1.1191 Equiv.	Black Oxide	Electroless Nickel Plating	Spring Steel
BGRR	BGSR	BGCR					EN 1.4301 Equiv.
BARR	BASR	BACR					
SBARR	SBASR	SBACR					
SBGRR	SBGSR	SBGCR	* Stainless Steel	Aluminum Alloy 2000 series EN 1.4301 Equiv.	Clear Anodize		EN 1.4301 Equiv.

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

Bearing Accuracy: JIS B 1514 Class 0

6.3 (1.6)



Mounting holes are tapped and counterbored so the housing can be mounted from either side.

Part Number			d	DH7	Tolerance	B	H	W	T	T1	S	ℓ1	dh	D197	Tolerance	P.C.D.	K	A	F	M (Coarse) (dz)	d1	H1	
Type	Bearing No.	Seal																					
(Round) BGRRB BGRR BARR SBARR SBGRR	623	ZZ Double Shielded	3	10	+0.015 0	4	33	16	9	7	2	2	7	14	-0.006 -0.024	24	27	24	-	M4 (3.3)	6.5	3.4	
	624		4	13		5	35	18	10	8			9	17		26	28	26					
	605		5	14	+0.018 0	5	36	20	10	8			10	18		26	30	26					
	625		6	16		5	38	22	10	8			12	20		28	31	28					
	606		6	17		6	39	23	11	9			13	21		29	32	29					
	626		6	19		6	41	25	11	9			15	24		31	34	31					
	698		8	19		6	41	25	11	9			15	24	-0.007 -0.028	31	34	31					
	608		8	22		7	45	29	12	10			18	27		35	36	35					
	628		24		8	47	32	13	11	20			30		37	37	37						
	6800		19		5	41	25	10	8	15			24		31	34	31						
(Square) BGSRB BGSR BASR SBASR SBGSR	6900	ZZ Double Shielded	22		+0.021 0	6	45	29	11	9	2	2	19	27		35	36	35	-	M5 (4.3)	8	4.4	
	6000		26			8	50	34	13	11			22	32	-0.009 -0.034	40	39	40					
	6200		30			9	54	38	14	12			24	36		44	42	44					
	6801		21			5	44	29	10	8			17	26	-0.007 -0.028	34	35	34					
	6901		24			6	48	31	11	9			21	30		38	38	38					
	6001		28			8	52	36	13	11			24	34	-0.009 -0.034	42	40	42					
	6201		32		+0.025 0	10	56	40	15	13			26	38		46	43	46					
	6802		24		+0.021 0	5	47	32	10	8			20	30	-0.034 -0.034	37	37	37					
	6902		28		0	7	57	37	12	10			25	35		45	45	45					
	6002		32		+0.025 0	9	60	40	14	12			28	38		48	46	48					
(Compact) BGCRB BGCR BACR SBACR SBGCR	6202	ZZ Double Shielded	35		0	11	64	44	17	15	3	3	29	42		52	49	52	-	M6 (5.2)	9.5	5.4	
	6903		30		+0.021 0	7	60	38	12	10			27	36	-0.009 -0.034	48	46	48					
	6003		35			10	66	44	16	14			31	42		54	50	54					
	6203		40			12	72	50	18	16			34	48		60	54	60					
	6804		32			7	60	40	12	10			28	38		48	46	38					29
	6904		37		+0.025 0	9	69	47	15	13			34	45		56	54	51					24
	6004		42			12	77	54	18	16			36	50	-0.010 -0.040	64	59	56					32
	6204		47			14	81	58	20	18			40	54		68	62	59					34
	6805		37			7	69	47	13	11			34	45	-0.009 -0.034	56	54	51					24
	6905		42			9	77	54	15	13			36	50		64	59	56					32
	6005	ZZ Double Shielded	47		+0.030 0	12	88	58	18	16	4	4	41	54	-0.010 -0.047	72	67	63	36	-	M8 (6.8)	11	6.5
	6205		52			15	94	64	22	20			45	60		78	72	68	39				
	6806		42		+0.025 0	7	77	54	13	11			36	50		64	59	56	32				
	6906		47			9	88	58	15	13			41	54		72	67	63	36				
	6006		55			13	96	66	20	18			48	62	-0.010 -0.040	80	73	70	40				
	6206		62			16	104	74	23	21			55	70		88	79	77	44				
	6007		72		+0.030 0	17	126	88	26	23			64	84	-0.012 -0.040	105	95	92	51				
	6207		68			15	114	82	23	21			60	78		96	86	80	54				
	6208		80			18	134	96	27	24			74	92	-0.012 -0.047	113	102	98	56				
	6010		16			25	22						3	3		126	-	104	72				
6210	ZZ Double Shielded	90		+0.035 0	20	147	110	31	28	4	83		126	-	104	72							

*Check for available sizes in the price list.

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

*2 Bearings with Rubber Seals are all made of steel.



Ordering Example

Part Number		
Type	Bearing	Seal
BGRR	6000	ZZ
BGCR	6903	DD

Bearing No.	Seal	Unit Price															
		Round					Square					Compact					
		BGRRB	BGRR	BARR	SBARR	SBGRR	BGSRB	BGSR	BASR	SBASR	SBGSR	BGCRB	BGCR	BACR	SBACR	SBGCR	
623	ZZ (x1.0) VV (x1.1) DD (x1.1)				-	-				-	-				-	-	
624					-	-				-	-				-	-	
605					-	-				-	-				-	-	
625					-	-				-	-				-	-	
606																	
626																	
698																	
608																	
628																	
6800																	
6900																	
6000																	
6200																	
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6201																	
6802																	
6902																	
6002																	
6202																	
6903																	
6003																	
6203																	
6804																	
6904																	
6004																	
6204																	
6805					-	-	-			-	-	-			-	-	-
6905					-	-	-			-	-	-			-	-	-
6005					-	-	-			-	-	-			-	-	-
6205					-	-	-			-	-	-			-	-	-
6806				-	-	-			-	-	-			-	-	-	
6906				-	-	-			-	-	-			-	-	-	
6006				-	-	-			-	-	-			-	-	-	
6206				-	-	-			-	-	-			-	-	-	
6007				-	-	-			-	-	-			-	-	-	
6207				-	-	-			-	-	-			-	-	-	
6008				-	-	-			-	-	-			-	-	-	
6208				-	-	-			-	-	-			-	-	-	
6010				-	-	-	-	-	-	-	-			-	-	-	
6210				-	-	-	-	-	-	-	-			-	-	-	