
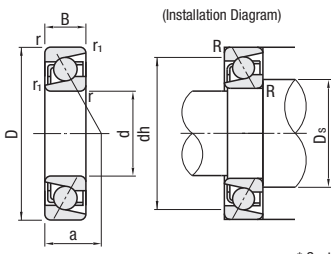


Angular Contact Ball Bearings / Grease Seal Rings

Universal Combination (Precision Grade)

Angular Contact Ball Bearings
Universal Combination (Precision Grade)

B70□□SU

(Installation Diagram)

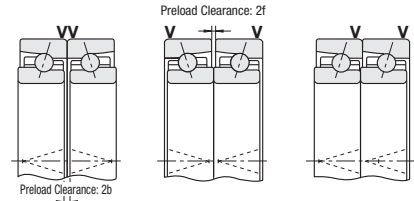
* Contact Angle 15°

RoHS 10

Shipped with no grease applied. Please apply grease before use.

Material: SUJ2
Bearing Accuracy: JIS B 1514 Class 4

Features The width differences of front and back sides are controlled so that designated preload can be obtained no matter how the same model bearings are combined. Outer ring is marked with a V mark to help obtain correct combination.



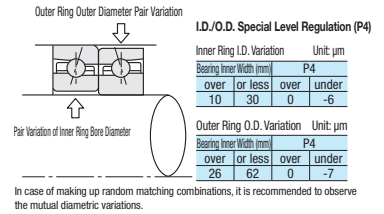
DB Combination
Back side width difference $x_2=2b$ (=2f), and the designed preload is obtained.

DF Combination
Front side width difference $x_2=2f$ (=2b), and the designed preload is obtained.

DT Combination
Because of front side width difference f = back side difference b , DT clearance does not occur similar with the normal DT combination.

Sold in pieces.
When using multiple row combination, it is recommended to match I.D. and O.D.


Part Number	d	D	B	r (min)	r1 (min)	Basic Load Rating		Allowable Rotational Speed (rpm Reference)	Pressure Cone Apex a	Relative Dimensions			Mass (g) Reference	Unit Price
						Cr (Dynamic) kN	Cor (Static) kN			Ds(min.)	dh(max.)	R(max.)		
B7000SU	10	26	8	0.3	0.15	5.30	2.49	63900	6.4	12.5	23.5	19		
B7001SU	12	28	9			5.80	2.90	57500	6.7	14.5	25.5	21		
B7002SU	15	32	9			6.25	3.40	49000	7.6	17.5	29.5	30		
B7003SU	17	35	10	0.6	0.3	6.60	3.80	44300	8.5	19.5	32.5	39		
B7004SU	20	42	12			11.10	6.55	37100	10.1	25	37	67		
B7005SU	25	47	12			11.70	7.40	32000	10.8	30	42	78		
B7006SU	30	55	13	1.0	0.6	15.10	10.30	27100	12.2	36	49	114		
B7007SU	35	62	14			19.10	13.70	23800	13.5	41	56	151		
B7008SU	40	68	15			20.60	15.90	21300	14.7	46	62	189		
B7009SU	45	75	16	1	0.6	24.40	19.30	19200	16.0	51	69	238		
B7010SU	50	80	16			26.00	21.90	17700	16.7	56	74	259		



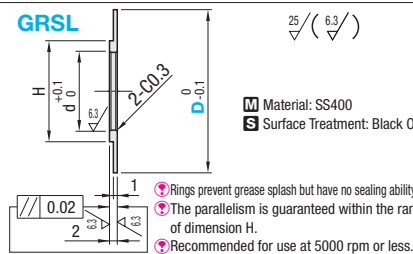
kgf=Nx0.101972

Ordering Example **Part Number**
B7001SU

Grease Seal Rings



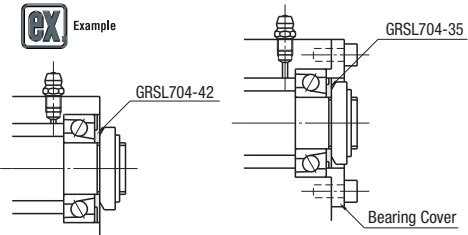
RoHS 10



Material: SS400
Surface Treatment: Black Oxide

Rings prevent grease splash but have no sealing ability.
The parallelism is guaranteed within the range of dimension H.
Recommended for use at 5000 rpm or less.

Example: GRSL704-42, GRSL704-35



Part Number Type	No.	D	d	H	Applicable Angular Contact Bearings	Unit Price
GRSL	700	26	10	13	B7000	
	21					
	720	30	15	B7200		
	25					
	701	28	12	B7001		
	23					
	721	32	17	B7201		
	26					
	702	32	15	B7002		
	26					
722	35	21	B7202			
30						
703	35	17	B7003			
30						

Part Number Type	No.	D	d	H	Applicable Angular Contact Bearings	Unit Price
GRSL	723	40	17	23	B7203	
	32					
	704	42	20	B7004		
	35					
	724	47	27	B7204		
	40					
	705	47	25	B7005		
	40					
	725	52	32	B7205		
	46					
706	55	30	B7006			
47						
726	62	37	B7206			
56						

Ordering Example **Part Number** - **D**
GRSL720 - 25