


Small Ball Bearings

Open

Open

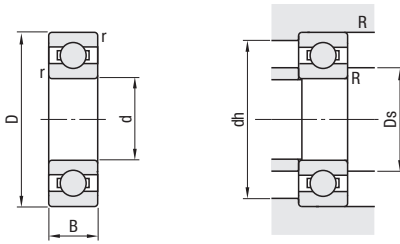


RoHS10

B6

BR

BR



Material: SUJ2
Bearing Accuracy: JIS B 1514 Class 0

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

For details on the tolerance and allowable values of inner and outer rings, see P2243

Part Number	d	D	B	r (min)	Basic Load Rating		Allowable Rotational Speed rpm (Reference)	Relative Dimensions			Mass (g) (Reference)	Unit Price
					Cr (Dynamic) N	Co (Static) N		Ds (min)	dh (max)	R (max)		
B683	3	7	2	0.1	311	112	63000	3.85	6.35	0.1	0.32	
B603		9	3	0.15	571	189	56000	4.35	7.9	0.15	0.84	
B623		10	4		631	219	50000	4.35	7.98		1.45	
B634	4	16	5	0.3	1340	523	36000	6.7	13	0.3	5.24	
B605	5	14		0.2	1329	507	40000	6.9	12.2	0.2	3.46	
B625		16		0.3	1729	675	36000	7.5	13.8	0.3	4.95	
B606	6	17	6	0.3	2263	846	38000	8.2	14.8	0.3	5.94	
B626		19			2336	896	32000	8.5	16.5		8.12	
B608		22			7	3293	1379	34000	10.5		19.03	
B628	8	24	8		3333	1423	28000	11.9	19.9		17.1	

Part Number	d	D	B	r (min)	Basic Load Rating		Allowable Rotational Speed rpm (Reference)	Relative Dimensions			Mass (g) (Reference)	Unit Price
					Cr (Dynamic) N	Co (Static) N		Ds (min)	dh (max)	R (max)		
BR63	3	6	2	0.1	209	74	71000	3.7	4.9	0.1	0.2	
BR74	7	311			115	60000	4.75	6.25	0.23			
BR84	8	395		141	56000	5	6.8	0.39				
BR104	4	10	3	0.2	711	272	48000	6.15	8.35	0.15	0.96	
BR85	5	8	2	0.1	308	120	53000	5.75	7.25	0.1	0.25	
BR95		9	2.5	0.15	431	169	50000	6	7.8	0.15	0.54	
BR105		10	3		431	169			0.78		0.91	
BR106	6	10	2.5	0.15	496	218	45000	7.04	8.9	0.1	0.55	
BR126		12	3		714	295	43000	7.73	10.19	0.15	1.25	
BR128	8	12	2.5	0.15	543	274	40000	9.05	10.9	0.1	0.7	
BR148		14	3.5	0.2	817	386	38000	9.86	12.19	0.15	1.9	

kgf=Nx0.101972

Ordering Example

Part Number
B605
BR126

Structure and Features of Ball Bearings

Type	Open	Double Shielded (ZZ)	Non-Contact Sealed (V)	Contact Seal (DDU)
Sealed Type	-	Low	Low	Large
Friction Torque	-	Low	Low	Due to seal is in contact
High Speed	○	○	○	△
Dust Resistance	×	△	○	○
Water Resistance	×	×	×	○
Operating Temperature	Depends on the lubricant	-10 ~ 110°C		Can be used under the conditions with no more than a splash -10 ~ 100°C

The table above is for reference to compare the four shapes.
○ Well Suited ○ Good △ Questionable × Not Suitable