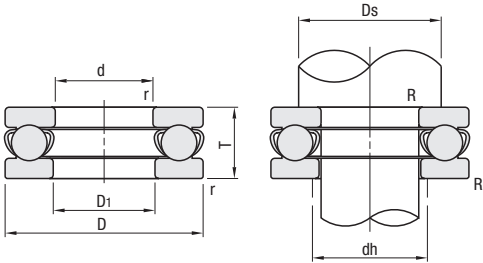


Thrust Ball Bearings

Thrust Ball Bearings

B511 SB511
B512 SB512



The raceway plates and the retainer come apart easily. Take care when opening the product package.

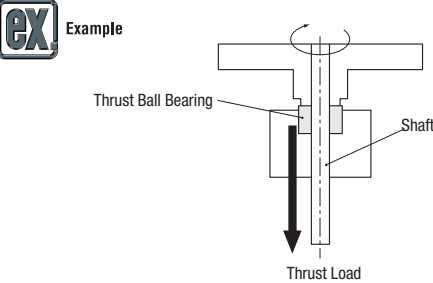
Material: Steel EN 1.3505 Equiv.
Stainless Steel EN 1.4125 Equiv.
Bearing Accuracy: JIS B 1514 Class 0

RoHS10

Part Number		d	D	D1	T	r	Basic Load Rating				Allowable Rotational Speed rpm (Reference)	Relative Dimensions			Mass (g) (Reference)		Unit Price	
							Ca	Coa	Ca	Coa		Ds	dh	R	Steel	Stainless Steel	Steel	Stainless Steel
Steel	Stainless Steel	Tolerance	Tolerance	(min)	Tolerance	(min)	(Dynamic) kN	(Static) kN	(Dynamic) kN	(Static) kN		(min.)	(max.)	(max.)				
B51100	SB51100	10	24	11	9	0.3	10.1	14	5	6.96	6700	18	16	0.3	19	21		
B51200	-						0.6	12.8	17.1	-					28	-		-
B51101	SB51101						0.3	10.4	15.4	5.15					21	23		
B51201	-	12	26	13	9	0.3	10.4	15.4	5.15	7.7	6700	20	18	0.3	21	23		
B51102	SB51102						0.6	13.3	19	-					31	-		-
B51202	-						0.3	10.6	16.8	5.25		23	20	0.3	23	24		
B51103	SB51103	15	32	17	12	0.6	16.7	24.8	-	-	5000	25	22	0.6	43	-		-
B51203	-						0.3	11.4	19.5	5.39					25	26		
B51104	SB51104						0.6	17.3	27.3	-		28	24	0.6	50	-		-
B51204	-	20	40	22	14	0.3	15.1	26.6	7.11	12.36	5300	29	26	0.3	37	40		
B51105	SB51105						0.6	22.5	37.5	-					77	-		-
B51205	-						0.6	19.7	37	9.76	4800	35	32	0.6	56	60		
B51106	SB51106	25	47	27	15	0.6	28	50.5	-	-		38	34	0.6	111	-		-
B51206	-						20.6	42	10.2	21.08					64	69		
B51107	SB51107	30	52	32	16	0.6	29.5	58	-	-	3400	43	39	0.6	137	-		-
B51207	-																	
B51108	SB51108																	

kgf=Nx0.101972

Ordering Example
Part Number
B51200
SB51100



Thrust Needle Roller Bearings

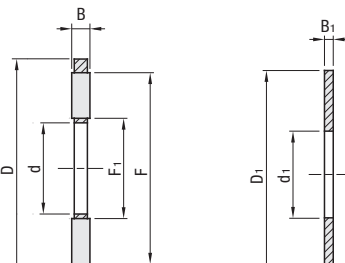
Thrust Needle Roller Bearings

BA SB



Thrust Needle Roller with Retainer

Thrust Washer



*Thrust washer may have a slight distortion when delivered, but it becomes flat when axial load of at least 200N is applied concentrically.

Material: EN 1.3505 Equiv.
Bearing Accuracy: JIS B 1514 Class 0 Compliant

RoHS10

Part Number	Thrust Needle Roller with Retainer						Thrust Washer x2						Allowable Rotational Speed rpm (Reference)	Mass (g) (Reference)	Basic Dynamic Load Rating Ca kN	Basic Static Load Rating Coa kN	Unit Price	
	d	Tolerance	D	Tolerance	B	Tolerance	F	F1	d1	Tolerance	D1	Tolerance						B1
BA0414	4	+0.140 +0.020	14	-0.095 -0.365	2	0 -0.01	13	5	4	+0.200 +0.020	14	-0.032 -0.302	1	+0.05 -0.05	5200	2.7	4.4	8
BA0515	5		15				14	6	5		15				5200	2.8	4.75	9.2
BA0619	6		19				18	7	6		19				4700	5	6.8	15.5
BA0821	8	+0.175 +0.025	21	-0.110 -0.440			20	9	8	+0.245 +0.025	21	-0.040 -0.370			4500	6	7.8	19.4
BA1024	10		24				23	12	10		24				4200	9	9.2	25.5
BA1226	12		26				25	14	12		26				3700		9.9	29.0
BA1528	15	+0.212 +0.032	28	-0.110 -0.440			27	17	15	+0.302 +0.032	28	-0.050 -0.440			3200	10	11.3	36.0
BA1730	17		30				29	19	17		30				3000	12	11.9	39.5
BA2035	20		35				34	22	20		35				2500	15	13.1	46.5
BA2542	25	+0.250 +0.004	42	-0.130 -0.520			41	29	25	+0.370 +0.040	42				2100	21	14.7	58.0
BA3047	30		47				46	34	30		47				1800	24	16.3	70.0

kgf=Nx0.101972

Ordering Example
Part Number
BA0515

