

SBA type

Inch Super Ball Bushing



SBAO type

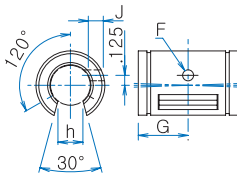
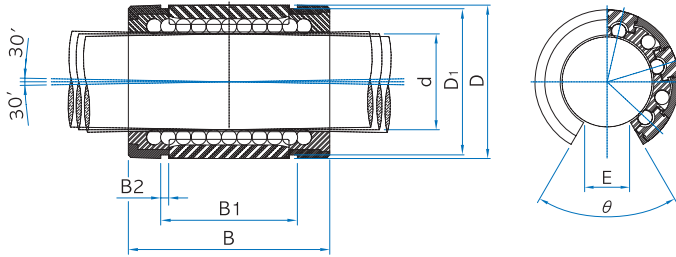
Inch Super Ball Bushing



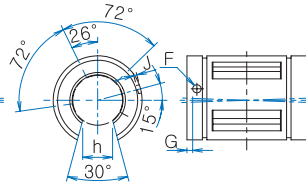
Unit : mm

Part No.	No. Ball rows	Weight (N)	Part No.	No. Ball rows	Weight (N)	Shaft d		Dimensions		
						d (inch)	tolerance(inch)	D (inch)	B (inch)	tolerance(inch)
SBA4	4	0.04	-	-	-	0.25	0 -0.0005	0.5	0.75	0 -0.015
SBA6	4	0.06	-	-	-	0.375	0 -0.0005	0.625	0.875	0 -0.015
SBA8	4	0.19	SBAO8	3	0.15	0.5	0 -0.0005	0.875	1.25	0 -0.02
SBA10	5	0.46	SBAO10	4	0.37	0.625	0 -0.0005	1.125	1.5	0 -0.02
SBA12	6	0.55	SBAO12	5	0.45	0.75	0 -0.0005	1.25	1.625	0 -0.02
SBA16	6	1.18	SBAO16	5	0.98	1	0 -0.0005	1.5625	2.25	0 -0.02
SBA20	6	2.16	SBAO20	5	1.86	1.25	0 -0.0005	2	2.625	0 -0.025
SBA24	6	3.34	SBAO24	5	2.84	1.5	0 -0.0005	2.375	3	0 -0.03

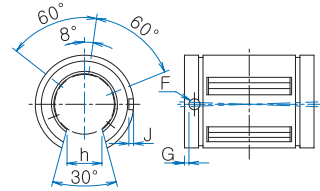
Note(1) the upper value in basic load ratings is for SBA series, the lower value is for SBAO series. $1N \approx 0.102kgf$



SBA08



SBA10



SBA12 ~ SBA024

Unit : mm

B ₁ (inch)	Seal			Grease inlet				Ball diameter (inch)	Basic Load Rating(1)	
	tolerance (inch)	B ₂ (inch)	D ₁ (inch)	h (inch)	F (inch)	G (inch)	J (inch)		dyn. C(N)	stat. Co(N)
SBA4	0 -0.015	0.039	0.4687	-	-	-	-	1/4	255	150
SBA6	0 -0.015	0.039	0.588	-	-	-	-	1/16	390	260
SBA8	0 -0.02	0.0459	0.8209	0.313	0.136	0.625	Thru Hole	3/32	895	570
									1050	710
SBA10	0 -0.02	0.0559	1.059	0.375	0.105	0.125	0.039	1/8	1480	830
									2080	1370
SBA12	0 -0.02	0.0559	1.176	0.438	0.136	0.125	0.059	1/8	2255	1395
									2470	1600
SBA16	0 -0.02	0.0679	1.4687	0.563	0.136	0.125	0.047	5/32	3990	2465
									4630	3070
SBA20	0 -0.025	0.0679	1.8859	0.625	0.201	0.1875	0.09	3/16	5470	3175
									6430	4040
SBA24	0 -0.03	0.0859	2.2389	0.75	0.201	0.1875	0.09	7/32	7640	4345
									8990	5530

1N ≒ 0.102kgf

Super Ball Bushing