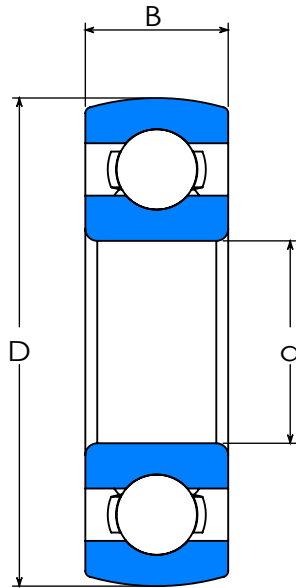


SC200 & SC300 Series Radial Ball Bearing With Spherical O.D.



Ring Material: Standard AISI 52100 or 440C stainless steel equivalent.

Ball Material: Silicon nitride (SiN4) ceramic balls are available upon request.

Closures: Open, shields, and seals.

Seal materials: NBR, EPDM, ACM, FKM and Silicone

Seal contact type: Non-contact, light, standard and tight contact

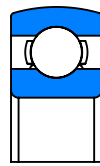
Cage Design: Crimped steel ribbon, crown steel cage, molded plastic cage, etc.

Radial clearance: C0 to C5, or as specified by the customer

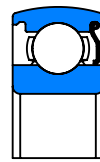
Precision level: Abec 1 to Abec 5

Bearing noise level: Standard (i.e. Z1 or V1) to EMQ (Electric Motor Quality)

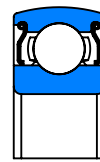
Lubricant: standard industrial grease and low/high temperature are available as needed



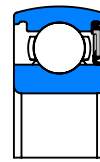
OPEN



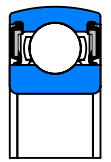
Z



ZZ



RS



2RS

Bearing No.	Bore d		Outer Diameter D		Width B		Basic Loading Rating (N)		Weight (kg)
	mm	inch	mm	inch	mm	inch	Dynamic Cr	Static Cor	
SC201	12	0.4724	32	1.2598	10	0.3937	6820	3060	0.035
SC202	15	0.5906	35	1.3780	11	0.4331	7640	3720	0.045
SC203	17	0.6693	40	1.5748	12	0.4724	9570	4790	0.064
SC204	20	0.7874	47	1.8504	14	0.5512	12840	6660	0.115
SC205	25	0.9843	52	2.0472	15	0.5906	14010	7840	0.182
SC206	30	1.1811	62	2.4409	16	0.6299	19400	11270	0.201
SC207	35	1.3780	72	2.8346	17	0.6693	25680	15390	0.302
SC208	40	1.5748	80	3.1496	18	0.7087	29110	17840	0.369
SC209	45	1.7717	85	3.3465	19	0.7480	32630	20290	0.408
SC210	50	1.9685	90	3.5433	20	0.7874	35080	23230	0.457
SC211	55	2.1654	100	3.9370	21	0.8268	43320	29900	0.611
SC212	60	2.3622	110	4.3307	22	0.8661	47820	35280	0.782
SC213	65	2.5591	120	4.7244	23	0.9055	57210	40000	0.991
SC214	70	2.7559	125	4.9213	24	0.9449	60830	45030	1.08
SC215	75	2.9528	130	5.1181	25	0.9843	66110	49500	1.17
SC216	80	3.1496	140	5.5118	26	1.0236	71550	54300	1.44
SC217	85	3.3465	150	5.9055	28	1.1024	83210	63960	1.80

SC200 & SC300 Series Radial Ball Bearing With Spherical O.D.



Ring Material: Standard AISI 52100 or 440C stainless steel equivalent.

Ball Material: Silicon nitride (SiN₄) ceramic balls are available upon request.

Closures: Open, shields, and seals.

Seal materials: NBR, EPDM, ACM, FKM and Silicone

Seal contact type: Non-contact, light, standard and tight contact

Cage Design: Crimped steel ribbon, crown steel cage, molded plastic cage, etc.

Radial clearance: C0 to C5, or as specified by the customer

Precision level: Abec 1 to Abec 5

Bearing noise level: Standard (i.e. Z1 or V1) to EMQ (Electric Motor Quality)

Lubricant: standard industrial grease and low/high temperature are available as needed

Bearing No.	Bore d		Outer Diameter D		Width B		Basic Loading Rating (N)		Weight (kg)
	mm	inch	mm	inch	mm	inch	Dynamic Cr	Static Cor	
SC304	20	0.7874	52	2.0472	15	0.5906	15880	7840	0.135
SC305	25	0.9843	62	2.4409	17	0.6693	20580	11270	0.242
SC306	30	1.1811	72	2.8346	19	0.7480	26660	14990	0.348
SC307	35	1.3780	80	3.1496	21	0.8268	33320	19210	0.580
SC308	40	1.5748	90	3.5433	23	0.9055	40670	24010	0.639
SC309	45	1.7717	100	3.9370	25	0.9843	48800	29500	0.843
SC310	50	1.9685	110	4.3307	27	1.0630	61940	38220	1.10
SC311	55	2.1654	120	4.7244	29	1.1417	71570	44760	1.36
SC312	60	2.3622	130	5.1181	31	1.2205	81750	51850	1.70
SC313	65	2.5591	140	5.5118	33	1.2992	93870	60440	2.09
SC314	70	2.7559	150	5.9055	35	1.3780	104130	68040	2.51