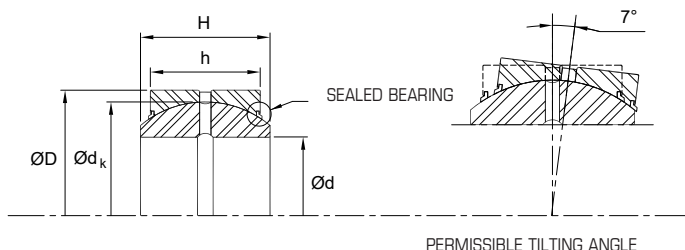
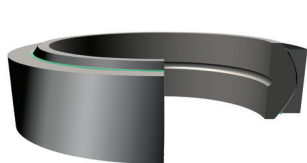


SBB-2RS - SPHERICAL PLAIN BEARINGS



Standard Material	Temperature Range
Carbon Chromium Steel	-22°F to +266°F (-30°C to +130°C)

with seals

SBB-style Radial spherical plain bearings have an inner ring with a sphered convex outside surface and an outer ring with a correspondingly sphered but concave inside surface. Their design makes them particularly suitable for bearing arrangements where alignment movements between shaft and housing have to be accommodated, or where oscillating or recurrent tilting or slewing movements must be permitted at relatively slow sliding speeds. The **2RS-style** incorporates seals on the outer race to prevent the ingress of harmful contaminants.

Alternate Materials: For applications that may require an alternate material, please contact our customer service department. Other sizes available on request.

Ref. Number	Nominal Bearing Dimensions					Load ratings Pound-force (lbf)		Weight	
	d	dk	D	h	H	Dynamic	Static	kg	lbs
SBB08-2RS/Z	0.500	0.709	0.875	0.375	0.437	2923	9217	0.022	0.048
SBB10-2RS/Z	0.625	0.906	1.062	0.469	0.547	4946	14613	0.036	0.079
SBB12-2RS/Z	0.750	1.083	1.250	0.562	0.656	6969	21357	0.053	0.117
SBB14-2RS/Z	0.875	1.260	1.437	0.656	0.765	9442	28551	0.085	0.187
SBB16-2RS/Z	1.000	1.417	1.625	0.750	0.875	12589	37318	0.121	0.267
SBB20-2RS/Z	1.250	1.772	2.000	0.937	1.093	19334	58450	0.230	0.507
SBB22-2RS/Z	1.375	1.929	2.187	1.031	1.187	22931	69691	0.350	0.772
SBB24-2RS/Z	1.500	2.165	2.437	1.125	1.312	28101	84303	0.420	0.926
SBB28-2RS/Z	1.750	2.520	2.812	1.312	1.531	38218	114653	0.640	1.410
SBB32-2RS/Z	2.000	2.874	3.187	1.500	1.750	50357	150622	0.930	2.050
SBB36-2RS/Z	2.250	3.228	3.562	1.687	1.969	62947	191088	1.300	2.866
SBB40-2RS/Z	2.500	3.583	3.937	1.875	2.187	79807	238297	1.850	4.079
SBB44-2RS/Z	2.750	3.937	4.375	2.062	2.406	16861	281011	2.400	5.291
SBB48-2RS/Z	3.000	4.331	4.750	2.250	2.625	112404	337213	3.100	6.834
SBB52-2RS/Z	3.250	4.685	5.125	2.437	2.844	131513	395664	3.800	8.378
SBB56-2RS/Z	3.500	5.039	5.500	2.625	3.062	152870	458610	4.800	10.582
SBB60-2RS/Z	3.750	5.394	5.875	2.812	3.281	175351	530549	5.800	12.787
SBB64-2RS/Z	4.000	5.748	6.250	3.000	3.500	202328	595744	7.000	15.432
SBB72-2RS/Z	4.500	6.811	7.000	3.562	4.156	251786	764350	9.800	21.605
SBB76-2RS/Z	4.750	6.811	7.375	3.562	4.156	281011	843034	11.500	25.353
SBB80-2RS/Z	5.000	7.205	7.750	3.750	4.375	314732	932957	13.500	29.762
SBB96-2RS/Z	6.000	8.150	8.750	4.125	4.750	388919	1169007	17.500	38.581