



Product data

Seals

Bearings are fitted on both sides with a seal made of an oil and wear-resistant NBR that is reinforced with a sheet steel insert.

Cages

Bearings are fitted with an injection moulded, ball centred cage made of a glass fibre reinforced polyamide.

Dimensions and tolerances

Sealed SKF single row angular contact ball bearings are dimensionally interchangeable with same size SKF open bearings and are manufactured with the same tolerances.

Load carrying capacity

Sealed SKF single row angular contact ball bearings have the same load carrying capacity and speed ratings as open SKF single row angular contact ball bearings, see **table 2**.

Clearance and preload

Standard sealed SKF single row angular contact ball bearings are supplied as non-matchable bearings for single use. Universally matchable bearings with three different clearance and preload classes are available on request.

Lubricant

Sealed SKF single row angular contact ball bearings are standard filled with a high performance polyurea grease (GXN). Non-standard greases and grease-fills are available on request.

For grease specifications see **table 1**.

Assortment

The range of standard sealed SKF single row angular contact ball bearings covers shaft diameters 15 to 55 mm for the 72 series and 12 to 50 mm for the 73 series.

Table 2

Basic design bearing					Speed ratings		
d	D	B	C	C ₀	Reference speed bearing with RZ seal	Limiting speed bearing with RZ seal	–
mm	mm	mm	kN	kN	r/min	r/min	–
15	35	11	8,32	4,4	24 000	24 000	7202 BE-2RZP
17	40	12	10,4	5,5	20 000	20 000	7203 BE-2RZP
20	47	14	13,3	7,65	18 000	18 000	7204 BE-2RZP
25	52	15	14,8	9,3	15 000	15 000	7205 BE-2RZP
30	62	16	22,5	14,3	13 000	13 000	7206 BE-2RZP
35	72	17	29,1	19	11 000	11 000	7207 BE-2RZP
40	80	18	37,7	26	11 000	11 000	7208 BE-2RZP
45	85	19	35,8	26	9 000	9 000	7209 BE-2RZP
50	90	20	37,7	28,5	8 500	8 500	7210 BE-2RZP
55	100	21	46,2	36	7 500	7 500	7211 BE-2RZP
12	37	12	10,6	5	24 000	24 000	7301 BE-2RZP
15	42	13	13	6,7	20 000	20 000	7302 BE-2RZP
17	47	14	15,9	8,3	19 000	19 000	7303 BE-2RZP
20	52	15	17,4	9,5	16 000	16 000	7304 BE-2RZP
25	62	17	24,2	14	14 000	14 000	7305 BE-2RZP
30	72	19	32,5	19,3	12 000	12 000	7306 BE-2RZP
35	80	21	39	24,5	10 000	10 000	7307 BE-2RZP
40	90	23	46,2	30,5	9 000	9 000	7308 BE-2RZP
45	100	25	55,9	37,5	8 000	8 000	7309 BE-2RZP
50	110	27	68,9	47,5	7 500	7 500	7310 BE-2RZP