

CARB Toroidal Roller Bearing

CARB toroidal roller bearings have one row of long, slightly barrel-shaped symmetrical rollers and torus-shaped raceway profiles. They are non-locating bearings and accommodate exclusively radial loads. CARB bearings are often used to replace the non-locating spherical roller bearing in a locating/non-locating bearing arrangement.

Bearing features

Accommodate misalignment

CARB bearings are self-aligning like spherical roller bearings or self-aligning ball bearings

Accommodate axial displacement

CARB bearings compensate for thermal expansion of the shaft like cylindrical or needle roller bearings.

Wide assortment of dimension series

CARB bearings are available with the same boundary dimensions as corresponding spherical roller bearings, self-aligning ball bearings, cylindrical roller bearings and needle roller bearings

Long service life

The special roller profile prevents stress peaks at the roller ends.

Low friction

Self-guiding rollers keep friction and frictional heat at low levels.

Improved wear resistance

All CARB bearings are upgraded SKF Explorer bearings.

Low noise

CARB bearings can reduce noise and vibration levels, for example, in paper machines and fans.

25	62	20	69.5	62	7.2	11000	15000	C 2206 KTN9	H 306 E
30	72	23	83	80	9.3	9500	13000	C 2207 KTN9	H 307 E
30	62	20	69.5	62	7.2	11000	15000	C 2206 KTN9	
30	62	20	76.5	71	8.3		6000	C 2206 V	
30	62	20	69.5	62	7.2	11000	15000	C 2206 TN9	
30	55	45	134	180	21.2		3200	C 6006 V	
35	80	23	90	86.5	10.2	8000	11000	C 2208 KTN9	H 308 E
35	72	23	95	96	11.2		5300	C 2207 V	
35	72	23	83	80	9.3	9500	13000	C 2207 KTN9	
35	72	23	83	80	9.3	9500	13000	C 2207 TN9	

35	80	23	90	86.5	10.2	8000	11000	C 2208 KTN9	AH 308
40	80	23	102	104	12.2		4500	C 2208 V	
40	85	23	93	93	10.8	7500	11000	C 2209 KTN9	H 309 E
40	62	22	76.5	100	11.8		4300	C 4908 V	
40	85								