

ZVL-ZKL double row self-aligning ball bearings have two rows of balls and a spherical raceway on the outer ring. By allowing the inner ring to pivot outside the exact plane of the outer ring, they suit applications likely to create bore misalignment in relation to the bearing housing or deflection of a shaft between widely spaced bearings. They are recommended for applications with small axial loads.

This bearing type is non-separable and manufactured with cylindrical and tapered bores.

Double Row Self-Aligning Ball Bearings

Suffix	Description	Example of Designation
K	Tapered bearing bore at a 1:12 ratio	1212K
F	Machined steel cage guided on the rolling elements	1230F
TNGN	Polyamide cage reinforced with glass fiber, guided on the rolling elements	2305TNGN
P6	Higher tolerance class than normal	2206 P6
C2	Radial clearance less than normal	1201 C2
C3	Radial clearance greater than normal	1317 C3
C4	Radial clearance greater than C3	2322 C4

