

# Self-Aligning Ball Bearings

Similar to spherical roller bearings, self-aligning ball bearings can accommodate static and dynamic misalignment. Yet, self-aligning ball bearings run at a higher speed as they generate less friction than any other type of rolling bearing. It is recommended when alignment of the shaft and housing is difficult and the shaft may flex. Self-aligning bearing has two raceways in the inner ring and a single spherical raceway in the outer ring with its center of curvature coincident with the bearing axis. It allows the axis of the inner ring, cage and balls to deflect around the bearing center to automatically correct misalignment caused by housing and shaft machining or installation error.



## Diameters Range:

Bearing Series		Cylindrical Bore	Tapered Bore	Variant Structure	
1200	1200K	φ10 - φ120	φ10 - φ120		+H200
1300	1300K	φ10 - φ110	φ10 - φ110	2RS	+H300
2200	2200K	φ10 - φ110	φ10 - φ110	2RS	+H300
2300	2300K	φ10 - φ110	φ10 - φ110	2RS	+H2300