



SKF Thrust ball bearing Double direction Series: 523

Thrust ball bearings are manufactured as single direction or double direction thrust ball bearings. They are designed to accommodate axial loads only and must not be subjected to any radial load. Thrust ball bearings are separable, i.e. the shaft washer, housing washer[s], ball and cage assembly[s] can be mounted separately. Shaft washers have a ground bore to enable an interference fit. The bore of the housing washer is turned and always larger than the shaft washer bore.

To accommodate initial misalignment between the shaft and housing, both single and double direction thrust ball bearings are available with sphered seat surfaces on the housing washers. They can be used together with a sphered seat washer adjacent to the housing washer or adjacent to a machine component manufactured with a sphered surface.

Double direction thrust ball bearings

Consist of one shaft washer, two housing washers and two ball and cage assemblies. The housing washers and ball and cage assemblies of double direction bearings are identical to those used in single direction bearings. Double direction thrust ball bearings can accommodate axial loads and locate a shaft axially, in both directions.

Characteristics

Series: 523

Variant: Double direction

Spherical housing washer: No

Manufacturer ID	Inner diameter mm	Outer diameter mm	Height mm	with seat washer	Article
52306	25	60	38	No	52306-SKF
52311	45	105	64	No	52311-SKF

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