



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
52305	20	52	34	No	23757419
52306	25	60	38	No	23757420
52307	30	68	44	No	23757421
52308	30	78	49	No	23757422
52309	35	85	52	No	23757423
52310	40	95	58	No	23757424
52311	45	105	64	No	23757425
52312	50	110	64	No	23757426
52313	55	115	64	No	23757427
52314	55	125	72	No	23757428
52315	60	135	79	No	23757429
52316	65	140	79	No	23757430
52320	85	170	97	No	23757431

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