



SKF Thrust ball bearing Single direction Series: 512

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.

Single direction thrust ball bearings

Consist of a shaft washer, a housing washer and a ball and cage assembly. The bearings can accommodate axial loads and locate a shaft axially, in one direction only.

Characteristics

Series: 512

Variant: Single direction

Spherical housing washer: No

Manufacturer ID	Inner diameter mm	Outer diameter mm	Height mm	with seat washer	Article
51201	12	28	11	No	51201-SKF
51203	17	35	12	No	51203-SKF
51204	20	40	14	No	51204-SKF
51205	25	47	15	No	51205-SKF
51206	30	52	16	No	51206-SKF
51207	35	62	18	No	51207-SKF
51208	40	68	19	No	51208-SKF
51209	45	73	20	No	51209-SKF
51210	50	78	22	No	51210-SKF
51211	55	90	25	No	51211-SKF
51214	70	105	27	No	51214-SKF
51216	80	115	28	No	51216-SKF
51218	90	135	35	No	51218-SKF
51220	100	150	38	No	51220-SKF
51224	120	170	39	No	51224-SKF
51228	140	200	46	No	51228-SKF

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