



SKF Thrust ball bearing Single direction Series: 511

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: 511

Variant: Single direction

Spherical housing washer: No

Manufacturer ID	Inner diameter mm	Outer diameter mm	Height mm	with seat washer	Article
51100	10	24	9	No	23757274
51101	12	26	9	No	23757275
51102	15	28	9	No	23757276
51103	17	30	9	No	23757277
51104	20	35	10	No	23757278
51105	25	42	11	No	23757279
51106/W64	30	47	11	No	13197046
51106	30	47	11	No	23757280
51107/W64	35	52	12	No	13197047
51107	35	52	12	No	23757281
51108	40	60	13	No	23757282
51109	45	65	14	No	23757283
51109/W64	45	65	14	No	13197048
51110	50	70	14	No	23757284
51111	55	78	16	No	23757285
51112	60	85	17	No	23757286
51113/W64	65	90	18	No	13197050
51113	65	90	18	No	23757287
51114	70	95	18	No	23757288
51115	75	100	19	No	23757289
51116	80	105	19	No	23757290
51117	85	110	19	No	23757291
51118	90	120	22	No	23757292
51118/W64	90	120	22	No	13197051
51120	100	135	25	No	23757294
51122	110	145	25	No	23757296
51124	120	155	25	No	23757297
51126	130	170	30	No	23757298

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Manufacturer ID	Inner diameter	Outer diameter	Height	with seat washer	Article
	mm	mm	mm		
51128	140	180	31	No	23757299
51130 M	150	190	31	No	23757300
51132 M	160	200	31	No	23757301
51134 M	170	215	34	No	23757302
51136 M	180	225	34	No	23757303
51138 M	190	240	37	No	23757304
51140 M	200	250	37	No	23757305
51144 M	220	270	37	No	23757306
51148 M	240	300	45	No	23757307
51152 M	260	320	45	No	23757308
51156 M	280	350	53	No	23757309
51160 M	300	380	62	No	23757310
51164 M	320	400	63	No	23757311
51168 M	340	420	64	No	23757312

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