



## SKF Thrust ball bearing Single direction Spherical housing washer Series: 533

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:** 533

**Variant:** Single direction

**Spherical housing washer:** Yes

| Manufacturer ID | Inner diameter<br>mm | Outer diameter<br>mm | Height<br>mm | with seat washer | Article  |
|-----------------|----------------------|----------------------|--------------|------------------|----------|
| 53306           | 30                   | 60                   | 22.6         | No               | 23757467 |
| 53307           | 35                   | 68                   | 25.6         | No               | 23757468 |
| 53308           | 40                   | 78                   | 28.5         | No               | 23757469 |
| 53309           | 45                   | 85                   | 30.1         | No               | 23757470 |
| 53310           | 50                   | 95                   | 34.4         | No               | 23757471 |
| 53311           | 55                   | 105                  | 39.3         | No               | 23757472 |
| 53312           | 60                   | 110                  | 38.3         | No               | 23757473 |
| 53313           | 65                   | 115                  | 39.4         | No               | 23757474 |
| 53314           | 70                   | 125                  | 44.2         | No               | 23757475 |
| 53315           | 75                   | 135                  | 48.1         | No               | 23757476 |
| 53316           | 80                   | 140                  | 47.6         | No               | 23757477 |
| 53317           | 85                   | 150                  | 53.1         | No               | 23757478 |
| 53318           | 90                   | 155                  | 54.6         | No               | 23757479 |
| 53320           | 100                  | 170                  | 59.2         | No               | 23757480 |
| 53322 M         | 110                  | 190                  | 67.2         | No               | 23757481 |
| 53324 M         | 120                  | 210                  | 74.1         | No               | 23757482 |

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