

## SKF 52211

### Double direction thrust ball bearing

Double direction thrust ball bearings can accommodate axial loads in both directions, but they must not be subjected to any radial load. Their separable components facilitate mounting/dismounting and maintenance inspections, and many of the components are interchangeable. The shaft washers have a ground bore that enables an interference fit.



## Technical specifications

Dimensions	
Bore diameter	45 mm
Outside diameter	90 mm
Height	45 mm
Inner diameter housing washer	57 mm
Height shaft washer	10 mm
Chamfer dimension housing washer	1 mm
Chamfer dimension shaft washer	0.6 mm

  

Abutment dimensions	
Abutment diameter shaft	55 mm
Abutment diameter housing	69 mm
Fillet radius housing	1 mm
Fillet radius shaft	0.6 mm

  

Calculation data	
Basic dynamic load rating	58.5 kN
Basic static load rating	134 kN
Fatigue load limit	4.9 kN
Reference speed	2200 r/min
Limiting speed	3000 r/min
Minimum load factor	0.11

  

Performance	
Basic dynamic load rating	58.5 kN
Basic static load rating	134 kN
Reference speed	2200 r/min
Limiting speed	3000 r/min

  

Properties	
Axial load capability	Double-direction
Number of rows	2
Cage	Sheet metal
Housing washer type	Flat
Tolerance class	Normal
Material, bearing	Bearing steel
Coating	Without
Indicative carbon footprint for new product	3.8 kg CO <sub>2</sub>

  

Logistics	
Product net weight	1.06 kg
eClass code	23-05-10-01
UNSPSC code	31171507

SKF drawings

