

SKF 52218

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	75 mm
Outside diameter	135 mm
Height	62 mm
Inner diameter housing washer	93 mm
Height shaft washer	14 mm
Chamfer dimension housing washer	1.1 mm
Chamfer dimension shaft washer	1 mm

Abutment dimensions	
Abutment diameter shaft	90 mm
Abutment diameter housing	108 mm
Fillet radius housing	1 mm
Fillet radius shaft	1 mm

Calculation data	
Basic dynamic load rating	112 kN
Basic static load rating	290 kN
Fatigue load limit	10.4 kN
Reference speed	1500 r/min
Limiting speed	2000 r/min
Minimum load factor	0.55

Performance	
Basic dynamic load rating	112 kN
Basic static load rating	290 kN
Reference speed	1500 r/min
Limiting speed	2000 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	11 kg CO ₂ e

Logistics	
Product net weight	3.04 kg
eClass code	23-05-10-01
UNSPSC code	31171507

SKF drawings