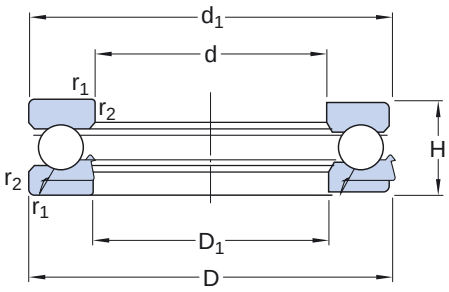
51296 F

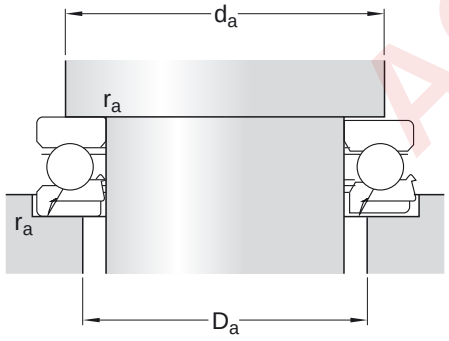
Single direction thrust ball bearings can accommodate axial loads in one direction. They must not be subjected to any radial load. Their separable components facilitate mounting/dismounting and maintenance inspections. Many of the components are interchangeable. The shaft washers have a ground bore that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

- Separable design facilitates mounting/dismounting and maintenance inspections
- Interchangeable components
- Ground bore of shaft washers enable interference fit



Dimensions

d	480 mm	Bore diameter
D	650 mm	Outside diameter
H	135 mm	Height
d_1	≈ 645 mm	Outside diameter shaft washer
D_1	≈ 485 mm	Inner diameter housing washer
$r_{1,2}$	min. 5 mm	Chamfer dimension washer



Abutment dimensions

d_a	min. 583 mm	Abutment diameter shaft
D_a	max. 547 mm	Abutment diameter housing
r_a	max. 4 mm	Fillet radius

Calculation data

Basic dynamic load rating	C	995 kN

Basic static load rating	C_0	6 550 kN
Fatigue load limit	P_u	102 kN
Reference speed		400 r/min
Limiting speed		560 r/min
Minimum load factor	A	220

Tolerances and clearances

GENERAL BEARING SPECIFICATIONS

- Tolerances: table 1

BEARING INTERFACES

- Seat tolerances for standard conditions
- Tolerances and resultant fit