

BFS-8052

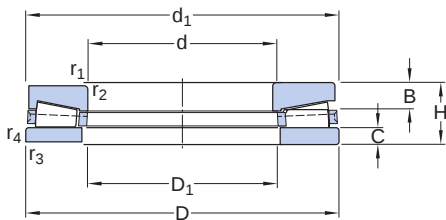
Single direction tapered roller thrust bearings are designed to accommodate heavy axial loads and peak loads in one direction. The bearings provide a high degree of stiffness and require little axial space. NR manufactures tapered roller thrust bearings in several different basic and application-specific designs and variants.



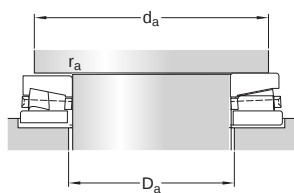
- High axial load carrying capacity
- High stiffness
- Long service life
- Require little axial space
- Separable design

Industry reference

T11500



Dimensions		
d	292.1 mm	Bore diameter shaft washer
D	660.4 mm	Outside diameter housing washer
H	127 mm	Height
d ₁	658.4 mm	Outside diameter shaft washer
D ₁	292.1 mm	Bore diameter housing washer
B	46 mm	Height of shaft washer
C	23.495 mm	Height housing washer
r _{1,2}	min. 10 mm	Chamfer dimension shaft washer
r _{3,4}	min. 10 mm	Chamfer dimension housing washer



Abutment dimensions		
da	min. 607 mm	Abutment diameter shaft
Da	max. 325 mm	Abutment diameter housing
ra	max. 9 mm	Fillet radius

Calculation data

Basic dynamic load rating	C	9 300 kN
Basic static load rating	C ₀	42 500 kN
Fatigue load limit	P _u	2 120 kN
Reference speed		260 r/min
Limiting speed		500 r/min

Tolerances and clearances

GENERAL BEARING SPECIFICATIONS

- Tolerances