

BFS-8023 A

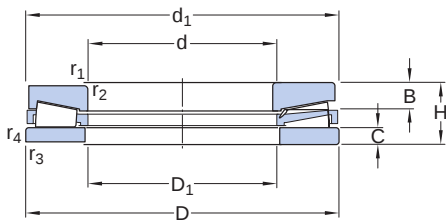
Single direction tapered roller thrust bearings are designed to accommodate heavy axial loads and peak loads in one direction. The bearings provide a high degree of stiffness and require little axial space. NR manufactures tapered roller thrust bearings in several different basic and application-specific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



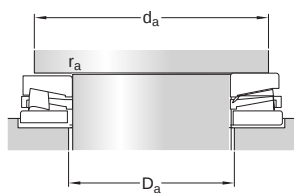
- High axial load carrying capacity
- High stiffness
- Long service life
- Require little axial space
- Separable design

Industry reference

T921



Dimensions		
d	234.95 mm	Bore diameter shaft washer
D	546.1 mm	Outside diameter housing washer
H	127 mm	Height
d ₁	546.1 mm	Outside diameter shaft washer
D ₁	234.95 mm	Bore diameter housing washer
B	51 mm	Height of shaft washer
C	25 mm	Height housing washer
r _{1,2}	min. 13 mm	Chamfer dimension shaft washer
r _{3,4}	min. 5 mm	Chamfer dimension housing washer



Abutment dimensions		
da	min. 502 mm	Abutment diameter shaft
Da	max. 268 mm	Abutment diameter housing
ra	max. 12 mm	Fillet radius

Calculation data

Basic dynamic load rating	C	6 550 kN
Basic static load rating	C ₀	26 000 kN
Fatigue load limit	P _u	1 400 kN
Reference speed		300 r/min
Limiting speed		560 r/min

Tolerances and clearances

GENERAL BEARING SPECIFICATIONS

- Tolerances