

BFS-8028

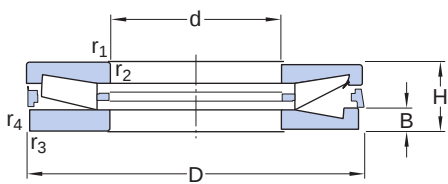
Single direction tapered roller thrust bearings are designed to accommodate heavy axial loads and peak loads in one direction. The bearings provide a high degree of stiffness and require little axial space. NR manufactures tapered roller thrust bearings in several different basic and application-specific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



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

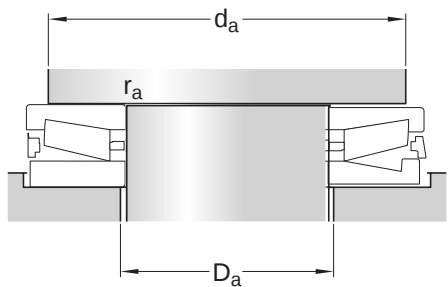
Industry reference

T911



Dimensions

d	228.6 mm	Bore diameter washer
D	482.6 mm	Outside diameter washer
H	104.775 mm	Height
B	36 mm	Height of washer
r _{1,2}	min. 11.2 mm	Chamfer dimension, shaft side
r _{3,4}	min. 11.2 mm	Chamfer dimension, shaft side



Abutment dimensions

da	min. 440 mm	Abutment diameter shaft
Da	max. 263 mm	Abutment diameter housing
ra	max. 10 mm	Fillet radius

Calculation data

Basic dynamic load rating	C	4 400 kN
Basic static load rating	C ₀	16 000 kN
Fatigue load limit	P _u	980 kN
Reference speed		360 r/min
Limiting speed		670 r/min

Tolerances and clearances

GENERAL BEARING SPECIFICATIONS

- Tolerances