

BFS-8033

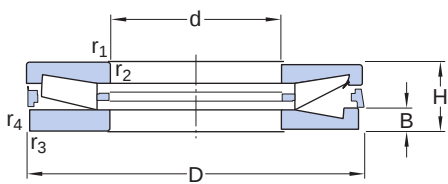
Single direction tapered roller thrust bearings are designed to accommodate heavy axial loads and peak loads in one direction. The bearings provide a high degree of stiffness and require little axial space. NR manufactures tapered roller thrust bearings in several different basic and application-specific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



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

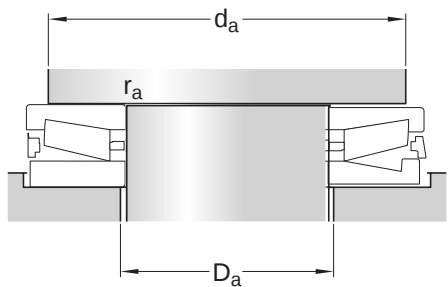
Industry reference

T1120



Dimensions

d	279.4 mm	Bore diameter washer
D	603.25 mm	Outside diameter washer
H	136.53 mm	Height
B	44 mm	Height of washer
r _{1,2}	min. 5 mm	Chamfer dimension, shaft side
r _{3,4}	min. 9.7 mm	Chamfer dimension, shaft side



Abutment dimensions

da	min. 548 mm	Abutment diameter shaft
Da	max. 328 mm	Abutment diameter housing
ra	max. 4 mm	Fillet radius

Calculation data

Basic dynamic load rating	C	6 800 kN
Basic static load rating	C ₀	25 500 kN
Fatigue load limit	P _u	1 460 kN
Reference speed		260 r/min
Limiting speed		500 r/min

Tolerances and clearances

GENERAL BEARING SPECIFICATIONS

- Tolerances