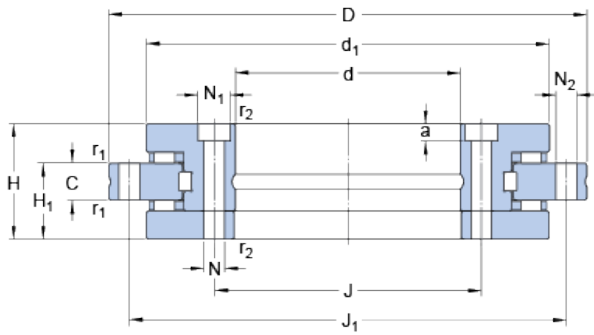




Bearing No. NRT 200 B

a	6.2 mm
d	200 mm
D	300 mm
H	7 mm
C	15 mm
J	215 mm
N	7 mm
Size	M6
Size G	M8
Size - G	M8
Pitch ?	7.5 °
Bolt size	M6
Size (mm)	200x300x45
Width (mm)	45
Size bolts	M6
Mass bearing	9.5 kg
N ₂	7 mm
Axial preload	2.9 kN
N ₂	7 mm
N ₁	11 mm
N ₁	11 mm
J ₁	285 mm
H ₁	30 mm
Axial Preload	2.9 N
d ₁	274 mm
J ₁	285 mm
H ₁	30 mm
d ₁	274 mm
Pitch - α	7.5 °

Bearing number	NRT 200 B
Axial stiffness	12 kN/μm
Number of bolts	46
axial stiffness	12 N/micron
radial stiffness	6.5 N/micron
Radial stiffness	6.5 kN/μm
Moment stiffness	75000 kN·m/mrad
Number of threads	3
Tightening torque	14 N·m
Guideline diameter	500 mm
Bore Diameter (mm)	200
r_2 min.	0.3 mm
r_1 min.	0.6 mm
Angle between bolts	120 °
Outer Diameter (mm)	300
r_2 - min.	0.3 mm
r_1 - min.	0.6 mm
Angle between threads	120 °
Axial unloading force	6.2 kN
Guideline rotary table diameter	500 mm
Frictional moment C_{RL}	14 N·m
Frictional moment - C_{RL}	14 N·m
Limiting speed for oil lubrication	340 mm/min
Tightening torque (Bolt grade 10.9)	14 N·m
Limiting speed for grease lubrication	170 r/min
Attainable speed for grease lubrication	170 r/min
Attainable speed for oil-air lubrication	340 r/min
Basic dynamic load	85 kN

rating - axial direction C	
Basic dynamic load rating, axial direction - C	85 kN
Basic dynamic load rating - radial direction C	93.5 kN
Basic dynamic load rating, radial direction - C	93.5 kN
Number of bolts omitted at removal thread position	3, 120° apart
Number of bolts omitted at retaining bolts position	2, 180° apart
Basic static load rating - axial direction C_0	630 kN
Basic static load rating - radial direction C_0	270 kN
Basic static load rating, axial direction - C_0	630 kN
Basic static load rating, radial direction - C_0	270 kN