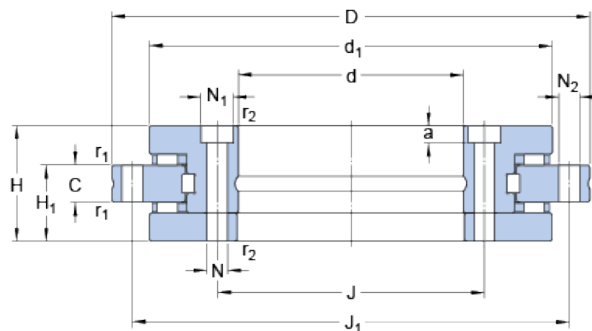




YYH Bearing & Drivetrain Co., Ltd.



SKF NRT 200 B Angular contact thrust ball bearings 2A-BST series

Bearing No. NRT 200 B

NRT 200 B Bearing 2D drawings and 3D CAD models

Size	200x300x45 mm
Bore Diameter	200 mm
Outer Diameter	300 mm
Width	45 mm
d	200 mm
D	300 mm
H	45 mm
d ₁	274 mm
C	15 mm
H ₁	30 mm
J	215 mm
J ₁	285 mm
H	7 mm
N ₁	11 mm
N ₂	7 mm
a	6.2 mm
r ₁ - min.	0.6 mm
r ₂ - min.	0.3 mm
Basic dynamic load rating, radial direction - C	93.5 kN
Basic static load rating, radial direction - C ₀	270 kN
Basic dynamic load rating, axial direction - C	85 kN
Basic static load rating, axial direction - C ₀	630 kN



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Limiting speed for grease lubrication	170 r/min
Limiting speed for oil lubrication	340 mm/min
Axial Preload	2.9 N
Axial unloading force	6.2 kN
Frictional moment - C_{RL}	14 N · m
axial stiffness	12 N/micron
radial stiffness	6.5 N/micron
Moment stiffness	75000 kN · m/mrad
Mass bearing	9.5 kg
Guideline diameter	500 mm
Size - G	M8
Number of bolts	3
Angle between bolts	120 °
Size bolts	M6
Pitch - α ;	7.5 °
Number of bolts	45
Number of bolts omitted at removal thread position	3, 120 ° apart
Size bolts	M6
Pitch - α ;	7.5 °
Number of bolts	46
Number of bolts omitted at retaining bolts position	2, 180 ° apart
Tightening torque	14 N · m
Size	M6
d_1	274 mm
H_1	30 mm
J_1	285 mm
N	7 mm
N_1	11 mm
N_2	7 mm



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r_1 min.	0.6 mm
r_2 min.	0.3 mm
Basic dynamic load rating - radial direction C	93.5 kN
Basic static load rating - radial direction C_0	270 kN
Basic dynamic load rating - axial direction C	85 kN
Basic static load rating - axial direction C_0	630 kN
Attainable speed for grease lubrication	170 r/min
Attainable speed for oil-air lubrication	340 r/min
Axial preload	2.9 kN
Frictional moment C_{RL}	14 N · m
Axial stiffness	12 kN/ μ m
Radial stiffness	6.5 kN/ μ m
Guideline rotary table diameter	500 mm
Size G	M8
Number of threads	3
Angle between threads	120 °
Bolt size	M6
Pitch	7.5 °
Tightening torque (Bolt grade 10.9)	14 N · m
Bolt size	M6
Pitch	7.5 °