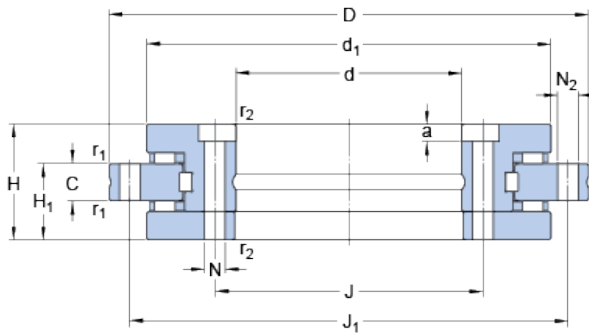




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SKF NRT 325 B Matched Angular Contact Ball Bearings

Bearing No. NRT 325 B

NRT 325 B Bearing 2D drawings and 3D CAD models

Size	325x450x60 mm
Bore Diameter	325 mm
Outer Diameter	450 mm
Width	60 mm
d	325 mm
D	450 mm
H	60 mm
d ₁	415 mm
C	20 mm
H ₁	40 mm
J	342 mm
J ₁	430 mm
H	9.3 mm
N ₁	15 mm
N ₂	9.3 mm
a	8.2 mm
r ₁ - min.	0.6 mm
r ₂ - min.	0.6 mm
Basic dynamic load rating, radial direction - C	134 kN
Basic static load rating, radial direction - C ₀	450 kN
Basic dynamic load rating, axial direction - C	153 kN
Basic static load rating, axial direction - C ₀	1660 kN



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Limiting speed for grease lubrication	110 r/min
Limiting speed for oil lubrication	220 mm/min
Axial Preload	12 N
Axial unloading force	26 kN
Frictional moment - C_{RL}	45 N · m
axial stiffness	28.6 N/micron
radial stiffness	8.9 N/micron
Moment stiffness	427000 kN · m/mrad
Mass bearing	25 kg
Guideline diameter	700 mm
Size - G	M12
Number of bolts	3
Angle between bolts	120 °
Size bolts	M8
Pitch - α ;	10 °
Number of bolts	33
Number of bolts omitted at removal thread position	3, 120 ° apart
Size bolts	M8
Pitch - α ;	10 °
Number of bolts	34
Number of bolts omitted at retaining bolts position	2, 180 ° apart
Tightening torque	34 N · m
Size	M8
d_1	415 mm
H_1	40 mm
J_1	430 mm
N	9.3 mm
N_1	15 mm
N_2	9.3 mm



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r_1 min.	0.6 mm
r_2 min.	0.6 mm
Basic dynamic load rating - radial direction C	134 kN
Basic static load rating - radial direction C_0	450 kN
Basic dynamic load rating - axial direction C	153 kN
Basic static load rating - axial direction C_0	1660 kN
Attainable speed for grease lubrication	110 r/min
Attainable speed for oil-air lubrication	220 r/min
Axial preload	12 kN
Frictional moment C_{RL}	45 N · m
Axial stiffness	28.6 kN/ μ m
Radial stiffness	8.9 kN/ μ m
Guideline rotary table diameter	700 mm
Size G	M12
Number of threads	3
Angle between threads	120 °
Bolt size	M8
Pitch	10 °
Tightening torque (Bolt grade 10.9)	34 N · m
Bolt size	M8
Pitch	10 °