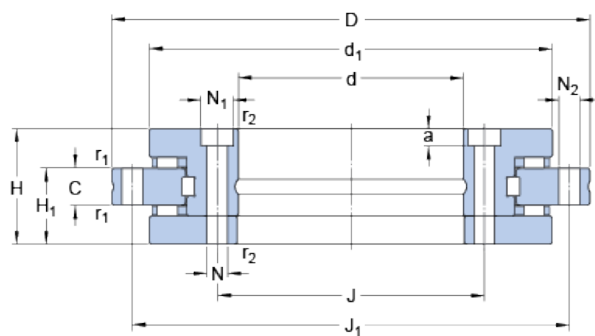




Bearing No. NRT 120 B

a	6.2 mm
d	120 mm
D	210 mm
H	7 mm
C	12 mm
J	135 mm
N	7 mm
Size	M6
Size G	M8
Size - G	M8
Pitch ?	15 °
Bolt size	M6
Size (mm)	120x210x40
Width (mm)	40
Size bolts	M6
Mass bearing	4.8 kg
N ₂	7 mm
Axial preload	2 kN
N ₂	7 mm
N ₁	11 mm
N ₁	11 mm
J ₁	195 mm
H ₁	26 mm
Axial Preload	2 N
d ₁	184 mm
J ₁	195 mm
H ₁	26 mm
d ₁	184 mm
Pitch - &alfa;	15 °

Bearing number	NRT 120 B
Axial stiffness	8.5 kN/μm
Number of bolts	22
axial stiffness	8.5 N/micron
radial stiffness	4.5 N/micron
Radial stiffness	4.5 kN/μm
Moment stiffness	23000 kN·m/mrad
Number of threads	3
Tightening torque	14 N·m
Guideline diameter	315 mm
Bore Diameter (mm)	120
r_2 min.	0.3 mm
r_1 min.	0.6 mm
Angle between bolts	120 °
Outer Diameter (mm)	210
r_2 - min.	0.3 mm
r_1 - min.	0.6 mm
Angle between threads	120 °
Axial unloading force	4.4 kN
Guideline rotary table diameter	315 mm
Frictional moment C_{RL}	6 N·m
Frictional moment - C_{RL}	6 N·m
Limiting speed for oil lubrication	460 mm/min
Tightening torque (Bolt grade 10.9)	14 N·m
Limiting speed for grease lubrication	230 r/min
Attainable speed for grease lubrication	230 r/min
Attainable speed for oil-air lubrication	460 r/min
Basic dynamic load	72 kN

rating - axial direction C	
Basic dynamic load rating, axial direction - C	72 kN
Basic dynamic load rating - radial direction C	64.4 kN
Basic dynamic load rating, radial direction - C	64.4 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	450 kN
Basic static load rating - radial direction C_0	140 kN
Basic static load rating, axial direction - C_0	450 kN
Basic static load rating, radial direction - C_0	140 kN