



Bearing No. NRT 850 A

a	17 mm
d	850 mm
D	1095 mm
H	18 mm
C	37 mm
J	890 mm
N	18 mm
Size	M16
Size G	M16
Size - G	M16
Pitch ?	6 °
Bolt size	M16
Size (mm)	850x1095x124
Width (mm)	124
Size bolts	M16
Mass bearing	253 kg
N ₂	18 mm
Axial preload	47 kN
N ₂	18 mm
N ₁	26 mm
N ₁	26 mm
J ₁	1055 mm
H ₁	80.5 mm
Axial Preload	47 N
d ₁	1018 mm
J ₁	1055 mm
H ₁	80.5 mm
d ₁	1018 mm
Pitch - α	6 °

Bearing number	NRT 850 A
Axial stiffness	77 kN/μm
Number of bolts	58
axial stiffness	77 N/micron
radial stiffness	22.4 N/micron
Radial stiffness	22.4 kN/μm
Moment stiffness	7011000 kN·m/mrad
Number of threads	6
Tightening torque	284 N·m
Guideline diameter	1800 mm
Bore Diameter (mm)	850
r ₂ min.	1.5 mm
r ₁ min.	1.5 mm
Angle between bolts	60 °
Outer Diameter (mm)	1095
r ₂ - min.	1.5 mm
r ₁ - min.	1.5 mm
Angle between threads	60 °
Axial unloading force	103 kN
Guideline rotary table diameter	1800 mm
Frictional moment C _{RL}	300 N·m
Frictional moment - C _{RL}	300 N·m
Limiting speed for oil lubrication	80 mm/min
Tightening torque (Bolt grade 10.9)	284 N·m
Limiting speed for grease lubrication	40 r/min
Attainable speed for grease lubrication	40 r/min
Attainable speed for oil-air lubrication	80 r/min
Basic dynamic load	415 kN

rating - axial direction C	
Basic dynamic load rating, axial direction - C	415 kN
Basic dynamic load rating - radial direction C	473 kN
Basic dynamic load rating, radial direction - C	473 kN
Number of bolts omitted at removal thread position	6, 60° apart
Number of bolts omitted at retaining bolts position	2, 180° apart
Basic static load rating - axial direction C_0	6400 kN
Basic static load rating - radial direction C_0	2120 kN
Basic static load rating, axial direction - C_0	6400 kN
Basic static load rating, radial direction - C_0	2120 kN