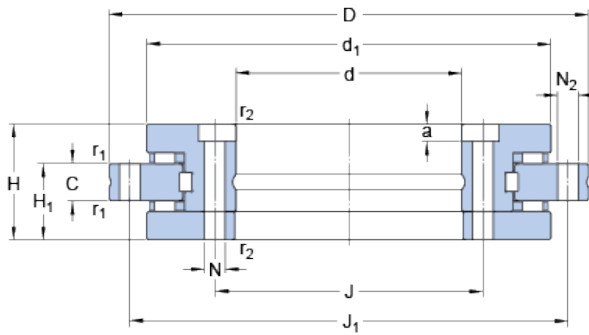




Bearing No. NRT 650 A

a	13 mm
d	650 mm
D	870 mm
H	14 mm
C	34 mm
J	680 mm
N	14 mm
Size	M12
Size G	M12
Size - G	M12
Pitch ?	7.5 °
Bolt size	M12
Size (mm)	650x870x122
Width (mm)	122
Size bolts	M12
Mass bearing	170 kg
N_2	14 mm
Axial preload	27 kN
N_2	14 mm
N_1	20 mm
N_1	20 mm
J_1	830 mm
H_1	78 mm
Axial Preload	27 N
d_1	800 mm
J_1	830 mm
H_1	78 mm
d_1	800 mm
Pitch - α	7.5 °

Bearing number	NRT 650 A
Axial stiffness	60 kN/μm
Number of bolts	46
axial stiffness	60 N/micron
radial stiffness	17.2 N/micron
Radial stiffness	17.2 kN/μm
Moment stiffness	3209000 kN·m/mrad
Number of threads	6
Tightening torque	116 N·m
Guideline diameter	1450 mm
Bore Diameter (mm)	650
r_2 min.	1 mm
r_1 min.	1 mm
Angle between bolts	60 °
Outer Diameter (mm)	870
r_2 - min.	1 mm
r_1 - min.	1 mm
Angle between threads	60 °
Axial unloading force	59 kN
Guideline rotary table diameter	1450 mm
Frictional moment C_{RL}	200 N·m
Frictional moment - C_{RL}	200 N·m
Limiting speed for oil lubrication	110 mm/min
Tightening torque (Bolt grade 10.9)	116 N·m
Limiting speed for grease lubrication	55 r/min
Attainable speed for grease lubrication	55 r/min
Attainable speed for oil-air lubrication	110 r/min
Basic dynamic load	365 kN

rating - axial direction C	
Basic dynamic load rating, axial direction - C	365 kN
Basic dynamic load rating - radial direction C	413 kN
Basic dynamic load rating, radial direction - C	413 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	5000 kN
Basic static load rating - radial direction C_0	1600 kN
Basic static load rating, axial direction - C_0	5000 kN
Basic static load rating, radial direction - C_0	1600 kN