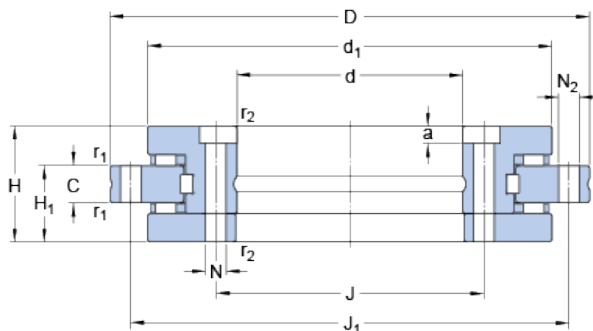




SNR Bearing Argentina

SKF NRT 650 A thrust roller bearings

Bearing No. NRT 650 A



NRT 650 A Bearing 2D drawings and 3D CAD models

Size	650x870x122 mm
Bore Diameter	650 mm
Outer Diameter	870 mm
Width	122 mm
d	650 mm
D	870 mm
H	122 mm
d ₁	800 mm
C	34 mm
H ₁	78 mm
J	680 mm
J ₁	830 mm
H	14 mm
N ₁	20 mm
N ₂	14 mm
a	13 mm
r ₁ - min.	1 mm
r ₂ - min.	1 mm
Basic dynamic load rating, radial direction - C	413 kN
Basic static load rating, radial direction - C ₀	1600 kN
Basic dynamic load rating, axial direction - C	365 kN
Basic static load rating, axial direction - C ₀	5000 kN



SNR Bearing Argentina

Limiting speed for grease lubrication	55 r/min
Limiting speed for oil lubrication	110 mm/min
Axial Preload	27 N
Axial unloading force	59 kN
Frictional moment - C_{RL}	200 N · m
axial stiffness	60 N/micron
radial stiffness	17.2 N/micron
Moment stiffness	3209000 kN · m/mrad
Mass bearing	170 kg
Guideline diameter	1450 mm
Size - G	M12
Number of bolts	6
Angle between bolts	60 °
Size bolts	M12
Pitch - α ;	7.5 °
Number of bolts	42
Number of bolts omitted at removal thread position	6, 60 ° apart
Size bolts	M12
Pitch - α ;	7.5 °
Number of bolts	46
Number of bolts omitted at retaining bolts position	2, 180 ° apart
Tightening torque	116 N · m
Size	M12
d_1	800 mm
H_1	78 mm
J_1	830 mm
N	14 mm
N_1	20 mm
N_2	14 mm



SNR Bearing Argentina

r_1 min.	1 mm
r_2 min.	1 mm
Basic dynamic load rating - radial direction C	413 kN
Basic static load rating - radial direction C_0	1600 kN
Basic dynamic load rating - axial direction C	365 kN
Basic static load rating - axial direction C_0	5000 kN
Attainable speed for grease lubrication	55 r/min
Attainable speed for oil-air lubrication	110 r/min
Axial preload	27 kN
Frictional moment C_{RL}	200 N · m
Axial stiffness	60 kN/ μ m
Radial stiffness	17.2 kN/ μ m
Guideline rotary table diameter	1450 mm
Size G	M12
Number of threads	6
Angle between threads	60 °
Bolt size	M12
Pitch	7.5 °
Tightening torque (Bolt grade 10.9)	116 N · m
Bolt size	M12
Pitch	7.5 °