

CYSD NU321 cylindrical roller bearings

LET OUR CYSD NU321 cylindrical roller bearings EXPERTS GET YOU THE 90x65x13 Size (mm) PARTS YOU NEED.

Size (mm)	90x65x13
Bore Diameter (mm)	90
Outer Diameter (mm)	65
Width (mm)	13
d	65 mm
D	90 mm
B	13 mm
d1	72.75 mm
d2	70.7 mm
D1	82.32 mm
r1,2 – min.	1 mm
r3,4 – min.	0.3 mm
a	17.5 mm
da – min.	69.6 mm
db – min.	67 mm
Da – max.	85.4 mm
Db – max.	88 mm
ra – max.	1 mm
rb – max.	0.3 mm
dn	74.5 mm
Basic dynamic load rating – C	16.5 kN
Basic static load rating – C0	12.5 kN
Fatigue load limit – Pu	0.53 kN

Limiting speed for grease lubrication	24000 r/min
Limiting speed for oil lubrication	38000 mm/min
Ball – Dw	7.938 mm
Ball – z	24
Gref	2.6 cm ³
Calculation factor – f ₀	8.5
Preload class A – GA	89 N
Preload class B – GB	266 N
Preload class C – GC	532 N
Calculation factor – f	1
Calculation factor – f _{2A}	1
Calculation factor – f _{2B}	1.05
Calculation factor – f _{2C}	1.09
Calculation factor – f _{HC}	1.01
Preload class A	53 N/micron
Preload class B	84 N/micron
Preload class C	116 N/micron
r _{1,2} min.	1 mm
r _{3,4} min.	0.3 mm
d _a min.	69.6 mm
d _b min.	67 mm
D _a max.	85.4 mm
D _b max.	88 mm
r _a max.	1 mm
r _b max.	0.3 mm
Basic dynamic load rating C	16.5 kN
Basic static load rating C ₀	12.5 kN
Fatigue load limit P _u	0.53 kN
Attainable speed for grease lubrication	24000 r/min

Attainable speed for oil-air lubrication	38000 r/min
Ball diameter D_w	7.938 mm
Number of balls z	24
Reference grease quantity G_{ref}	2.6 cm ³
Preload class A G_A	89 N
Static axial stiffness, preload class A	53 N/ μ m
Preload class B G_B	266 N
Static axial stiffness, preload class B	84 N/ μ m
Preload class C G_C	532 N
Static axial stiffness, preload class C	116 N/ μ m
Calculation factor f	1.19
Calculation factor f_1	1
Calculation factor f_{2A}	1
Calculation factor f_{2B}	1.05
Calculation factor f_{2C}	1.09
Calculation factor f_{HC}	1.01
Calculation factor f_0	8.5
Mass bearing	0.17 kg