

NACHI UK307+H2307 deep groove ball bearings

Welcome to the 37x20x9 Size (mm) NACHI UK307+H2307 deep groove ball bearings 37 Bore Diameter (mm) online seller.

Size (mm)	37x20x9
Bore Diameter (mm)	37
Outer Diameter (mm)	20
Width (mm)	9
d	20 mm
D	37 mm
B	9 mm
d1	25.65 mm
d2	24.4 mm
D1	31.49 mm
r1,2 – min.	0.3 mm
r3,4 – min.	0.15 mm
a	8.5 mm
da – min.	22 mm
db – min.	22 mm
Da – max.	35 mm
Db – max.	36.2 mm
ra – max.	0.3 mm
rb – max.	0.15 mm
dn	26.7 mm
Basic dynamic load rating – C	4.9 kN
Basic static load rating – C0	2.4 kN
Fatigue load limit – Pu	0.102 kN

Limiting speed for grease lubrication	68000 r/min
Limiting speed for oil lubrication	106000 mm/min
Ball – Dw	4.762 mm
Ball – z	14
Gref	0.5 cm ³
Calculation factor – f ₀	7.8
Preload class A – GA	26 N
Preload class B – GB	79 N
Preload class C – GC	157 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	20 N/micron
Preload class B	31 N/micron
Preload class C	43 N/micron
r _{1,2} min.	0.3 mm
r _{3,4} min.	0.15 mm
d _a min.	22 mm
d _b min.	22 mm
D _a max.	35 mm
D _b max.	36.2 mm
r _a max.	0.3 mm
r _b max.	0.15 mm
Basic dynamic load rating C	4.88 kN
Basic static load rating C ₀	2.4 kN
Fatigue load limit P _u	0.102 kN
Attainable speed for grease lubrication	68000 r/min

Attainable speed for oil-air lubrication	106000 r/min
Ball diameter D_w	4.762 mm
Number of balls z	14
Reference grease quantity G_{ref}	0.5 cm ³
Preload class A G_A	26 N
Static axial stiffness, preload class A	20 N/ μ m
Preload class B G_B	79 N
Static axial stiffness, preload class B	31 N/ μ m
Preload class C G_C	157 N
Static axial stiffness, preload class C	43 N/ μ m
Calculation factor f	1.04
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	7.8
Mass bearing	0.032 kg