

# NTN 5S-2LA-HSE014CG/GNP42 angular contact ball bearings

Request A Quote For Your Special NTN 5S-2LA-HSE014CG/GNP42 angular contact ball bearings Needs Today! Free Quotes. 32x20x7 Size (mm) ISO 9001 certified.

Size (mm)	32x20x7
Bore Diameter (mm)	32
Outer Diameter (mm)	20
Width (mm)	7
d	20 mm
D	32 mm
B	7 mm
d1	24.1 mm
d2	24.1 mm
D1	28.1 mm
r1,2 – min.	0.3 mm
r3,4 – min.	0.15 mm
a	9.6 mm
da – min.	22 mm
db – min.	22 mm
Da – max.	30 mm
Db – max.	31.2 mm
ra – max.	0.3 mm
rb – max.	0.15 mm
dn	24.5 mm
Basic dynamic load rating – C	3.6 kN
Basic static load rating – C0	2.5 kN

Fatigue load limit – Pu	0.106 kN
Limiting speed for grease lubrication	40000 r/min
Limiting speed for oil lubrication	63000 mm/min
Ball – Dw	3.175 mm
Ball – z	17
Gref	0.18 cm <sup>3</sup>
Calculation factor – e	0.68
Calculation factor – Y2	1.41
Calculation factor – Y0	0.76
Calculation factor – X2	0.67
Calculation factor – Y1	0.92
Preload class A – GA	32 N
Preload class B – GB	100 N
Preload class C – GC	200 N
Calculation factor – f	1.08
Calculation factor – f1	0.97
Calculation factor – f2A	1
Calculation factor – f2B	1.08
Calculation factor – f2C	1.15
Calculation factor – fHC	1
Preload class A	52 N/micron
Preload class B	83 N/micron
Preload class C	112 N/micron
r1,2 min.	0.3 mm
r3,4 min.	0.15 mm
da min.	22 mm
db min.	22 mm
Da max.	30 mm
Db max.	31.2 mm

ra max.	0.3 mm
rb max.	0.15 mm
Basic dynamic load rating C	3.64 kN
Basic static load rating C0	2.5 kN
Fatigue load limit Pu	0.106 kN
Attainable speed for grease lubrication	40000 r/min
Attainable speed for oil-air lubrication	63000 r/min
Ball diameter Dw	3.175 mm
Number of balls z	17
Reference grease quantity Gref	0.18 cm <sup>3</sup>
Preload class A GA	32 N
Static axial stiffness, preload class A	52 N/μm
Preload class B GB	100 N
Static axial stiffness, preload class B	83 N/μm
Preload class C GC	200 N
Static axial stiffness, preload class C	112 N/μm
Calculation factor f	1.08
Calculation factor f1	0.97
Calculation factor f2A	1
Calculation factor f2B	1.08
Calculation factor f2C	1.15
Calculation factor fHC	1
Calculation factor e	0.68
Calculation factor (single, tandem) Y2	0.87
Calculation factor (single, tandem) Y0	0.38
Calculation factor (single, tandem) X2	0.41
Calculation factor (back-to-back, face-to-face) Y1	0.92

Calculation factor (back-to-back, face-to-face) Y2	1.41
Calculation factor (back-to-back, face-to-face) Y0	0.76
Calculation factor (back-to-back, face-to-face) X2	0.67
Mass bearing	0.018 kg