

# NACHI 5209NR angular contact ball bearings

How do I place an EMERGENCY 110x70x20 Size (mm) order for a NACHI 5209NR angular contact ball bearings that I want to pick up at 110 Bore Diameter (mm) a our store?

Size (mm)	110x70x20
Bore Diameter (mm)	110
Outer Diameter (mm)	70
Width (mm)	20
d	70 mm
D	110 mm
B	20 mm
d1	84.3 mm
d2	81.6 mm
D2	98.6 mm
r1,2 – min.	1.1 mm
r3,4 – min.	0.6 mm
a	31.2 mm
da – min.	76 mm
da – max.	83.5 mm
db – min.	76 mm
db – max.	80.8 mm
Da – max.	104 mm
Db – max.	105.8 mm
ra – max.	1 mm
rb – max.	0.6 mm
Basic dynamic load rating – C	22.5 kN

Basic static load rating – C0	17.3 kN
Fatigue load limit – Pu	0.735 kN
Limiting speed for grease lubrication	15500 r/min
Ball – Dw	9.525 mm
Ball – z	25
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	200 N
Preload class B – GB	610 N
Preload class C – GC	1220 N
Calculation factor – f	1.09
Calculation factor – f1	0.99
Calculation factor – f2A	1
Calculation factor – f2B	1.03
Calculation factor – f2C	1.06
Calculation factor – fHC	1
Preload class A	143 N/micron
Preload class B	215 N/micron
Preload class C	280 N/micron
r1,2 min.	1.1 mm
r3,4 min.	0.6 mm
da min.	76 mm
da max.	83.5 mm
db min.	76 mm
db max.	80.8 mm
Da max.	104 mm

Db max.	105.8 mm
ra max.	1 mm
rb max.	0.6 mm
Basic dynamic load rating C	22.5 kN
Basic static load rating C0	17.3 kN
Fatigue load limit Pu	0.735 kN
Attainable speed for grease lubrication	15500 r/min
Ball diameter Dw	9.525 mm
Number of balls z	25
Preload class A GA	200 N
Static axial stiffness, preload class A	143 N/ $\mu$ m
Preload class B GB	610 N
Static axial stiffness, preload class B	215 N/ $\mu$ m
Preload class C GC	1220 N
Static axial stiffness, preload class C	280 N/ $\mu$ m
Calculation factor f	1.09
Calculation factor f1	0.99
Calculation factor f2A	1
Calculation factor f2B	1.03
Calculation factor f2C	1.06
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	0.64 kg