

SIGMA NMJ 7/8 self aligning ball bearings

Question SIGMA NMJ 7/8 self aligning ball bearings ? Find what 240x160x38 Size (mm) you need faster by entering your information .

Size (mm)	240x160x38
Bore Diameter (mm)	240
Outer Diameter (mm)	160
Width (mm)	38
d	160 mm
D	240 mm
B	38 mm
d1	184.7 mm
d2	184.7 mm
D1	215.3 mm
b	2.8 mm
C1	21.2 mm
C2	7.1 mm
C3	6.6 mm
r1,2 – min.	2.1 mm
r3,4 – min.	1 mm
a	65.9 mm
da – min.	171 mm
db – min.	171 mm
Da – max.	229 mm
Db – max.	235 mm
ra – max.	2 mm

rb – max.	1 mm
dn	191.4 mm
Basic dynamic load rating – C	182 kN
Basic static load rating – C0	204 kN
Fatigue load limit – Pu	6.2 kN
Limiting speed for grease lubrication	5000 r/min
Limiting speed for oil lubrication	7500 mm/min
Ball – Dw	25.4 mm
Ball – z	22
Gref	66 cm ³
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	1150 N
Preload class B – GB	2300 N
Preload class C – GC	4600 N
Preload class D – GD	9200 N
Calculation factor – f	1.16
Calculation factor – f1	0.99
Calculation factor – f2A	1
Calculation factor – f2B	1.02
Calculation factor – f2C	1.05
Calculation factor – f2D	1.08
Calculation factor – fHC	1
Preload class A	414 N/micron
Preload class B	540 N/micron
Preload class C	717 N/micron

Preload class D	968 N/micron
r _{1,2} min.	2.1 mm
r _{3,4} min.	1 mm
d _a min.	171 mm
d _b min.	171 mm
D _a max.	229 mm
D _b max.	235 mm
r _a max.	2 mm
r _b max.	1 mm
Basic dynamic load rating C	182 kN
Basic static load rating C ₀	204 kN
Fatigue load limit P _u	6.2 kN
Attainable speed for grease lubrication	5000 r/min
Attainable speed for oil-air lubrication	7500 r/min
Ball diameter D _w	25.4 mm
Number of balls z	22
Reference grease quantity G _{ref}	66 cm ³
Preload class A G _A	1150 N
Static axial stiffness, preload class A	414 N/μm
Preload class B G _B	2300 N
Static axial stiffness, preload class B	540 N/μm
Preload class C G _C	4600 N
Static axial stiffness, preload class C	717 N/μm
Preload class D G _D	9200 N
Static axial stiffness, preload class D	968 N/μm
Calculation factor f	1.16
Calculation factor f ₁	0.99
Calculation factor f _{2A}	1
Calculation factor f _{2B}	1.02

Calculation factor f2C	1.05
Calculation factor f2D	1.08
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	5.15 kg