

SIGMA 7222-B angular contact ball bearings

Find 225x150x35 Size (mm) the discount SIGMA 7222-B angular contact ball bearings online you need . We offer ... 225 Bore Diameter (mm) If you check out our large selection of SIGMA 7222-B angular contact ball bearings once .

Size (mm)	225x150x35
Bore Diameter (mm)	225
Outer Diameter (mm)	150
Width (mm)	35
d	150 mm
D	225 mm
B	35 mm
d1	173.1 mm
d2	173.1 mm
D1	201.9 mm
K	0.6 mm
C1	9.3 mm
r1,2 – min.	2.1 mm
r3,4 – min.	1 mm
a	61.4 mm
da – min.	161 mm
db – min.	161 mm
Da – max.	214 mm
Db – max.	220 mm
ra – max.	2 mm
rb – max.	1 mm

dn	178.2 mm
Basic dynamic load rating – C	163 kN
Basic static load rating – C0	180 kN
Fatigue load limit – Pu	5.6 kN
Limiting speed for grease lubrication	6700 r/min
Limiting speed for oil lubrication	10000 mm/min
Ball – Dw	23.812 mm
Ball – z	22
Gref	54 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	1000 N
Preload class B – GB	2000 N
Preload class C – GC	4000 N
Preload class D – GD	8000 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	1.02
Preload class A	430 N/micron
Preload class B	562 N/micron
Preload class C	745 N/micron
Preload class D	1009 N/micron

r _{1,2} min.	2.1 mm
r _{3,4} min.	1 mm
d _a min.	161 mm
d _b min.	161 mm
D _a max.	214 mm
D _b max.	220 mm
r _a max.	2 mm
r _b max.	1 mm
Basic dynamic load rating C	163 kN
Basic static load rating C ₀	180 kN
Fatigue load limit P _u	5.6 kN
Attainable speed for grease lubrication	6700 r/min
Attainable speed for oil-air lubrication	10000 r/min
Ball diameter D _w	23.812 mm
Number of balls z	22
Reference grease quantity G _{ref}	54 cm ³
Preload class A G _A	1000 N
Static axial stiffness, preload class A	430 N/μm
Preload class B G _B	2000 N
Static axial stiffness, preload class B	562 N/μm
Preload class C G _C	4000 N
Static axial stiffness, preload class C	745 N/μm
Preload class D G _D	8000 N
Static axial stiffness, preload class D	1009 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 f _{2C}	1.05

Calculation factor f2D	1.08
Calculation factor fHC	1.02
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	3.44 kg