

# FAG 7200-B-JP angular contact ball bearings

100% Authentic. FAG 7200-B-JP angular contact ball bearings  
Highest Quality. 165x120x22 Size (mm) 120 Outer Diameter (mm)  
Certified Supplier.

Size (mm)	165x120x22
Bore Diameter (mm)	165
Outer Diameter (mm)	120
Width (mm)	22
d	120 mm
D	165 mm
B	22 mm
d1	134 mm
d2	130.2 mm
D1	151.01 mm
r1,2 – min.	1.1 mm
r3,4 – min.	0.6 mm
a	31 mm
da – min.	126 mm
db – min.	123.2 mm
Da – max.	159 mm
Db – max.	161.8 mm
ra – max.	1 mm
rb – max.	0.6 mm
dn	137.4 mm
Basic dynamic load rating – C	47.5 kN
Basic static load rating – C0	40.5 kN

Fatigue load limit – Pu	1.4 kN
Limiting speed for grease lubrication	11200 r/min
Limiting speed for oil lubrication	16000 mm/min
Ball – Dw	14.288 mm
Ball – z	24
Gref	15 cm <sup>3</sup>
Calculation factor – f <sub>0</sub>	8.5
Preload class A – GA	250 N
Preload class B – GB	760 N
Preload class C – GC	1530 N
Calculation factor – f	1
Calculation factor – f <sub>2A</sub>	1
Calculation factor – f <sub>2B</sub>	1.04
Calculation factor – f <sub>2C</sub>	1.08
Calculation factor – f <sub>HC</sub>	1
Preload class A	82 N/micron
Preload class B	129 N/micron
Preload class C	179 N/micron
r <sub>1,2</sub> min.	1.1 mm
r <sub>3,4</sub> min.	0.6 mm
d <sub>a</sub> min.	126 mm
d <sub>b</sub> min.	123.2 mm
D <sub>a</sub> max.	159 mm
D <sub>b</sub> max.	161.8 mm
r <sub>a</sub> max.	1 mm
r <sub>b</sub> max.	0.6 mm
Basic dynamic load rating C	47.5 kN
Basic static load rating C <sub>0</sub>	40.5 kN
Fatigue load limit Pu	1.4 kN

Attainable speed for grease lubrication	11200 r/min
Attainable speed for oil-air lubrication	16000 r/min
Ball diameter $D_w$	14.288 mm
Number of balls $z$	24
Reference grease quantity $G_{ref}$	15 cm <sup>3</sup>
Preload class A $G_A$	250 N
Static axial stiffness, preload class A	82 N/ $\mu$ m
Preload class B $G_B$	760 N
Static axial stiffness, preload class B	129 N/ $\mu$ m
Preload class C $G_C$	1530 N
Static axial stiffness, preload class C	179 N/ $\mu$ m
Calculation factor $f$	1.18
Calculation factor $f_1$	1
Calculation factor $f_{2A}$	1
Calculation factor $f_{2B}$	1.04
Calculation factor $f_{2C}$	1.08
Calculation factor $f_{HC}$	1
Calculation factor $f_0$	8.5
Mass bearing	1.1 kg