

# CYSD 207KPPB3 deep groove ball bearings

Our highly-skilled and factory-trained service experts have the resources to help you with all your CYSD 207KPPB3 deep groove ball bearings needs 115x75x20 Size (mm) – 115 Bore Diameter (mm) including routine maintenance, major repairs, warranty service, and equipment inspections.

Size (mm)	115x75x20
Bore Diameter (mm)	115
Outer Diameter (mm)	75
Width (mm)	20
d	75 mm
D	115 mm
B	20 mm
d1	90 mm
d2	88.2 mm
D2	102.8 mm
r1,2 – min.	1.1 mm
r3,4 – min.	0.6 mm
a	22.3 mm
da – min.	81 mm
da – max.	89.2 mm
db – min.	81 mm
db – max.	87.4 mm
Da – max.	109 mm
Db – max.	111.8 mm
ra – max.	1 mm

rb – max.	0.6 mm
Basic dynamic load rating – C	19.9 kN
Basic static load rating – C0	17.6 kN
Fatigue load limit – Pu	0.75 kN
Limiting speed for grease lubrication	18000 r/min
Ball – Dw	7.938 mm
Ball – z	30
Calculation factor – f0	9.7
Preload class A – GA	65 N
Preload class B – GB	130 N
Preload class C – GC	390 N
Calculation factor – f	1
Calculation factor – f2A	1
Calculation factor – f2B	1.02
Calculation factor – f2C	1.05
Calculation factor – fHC	1.01
Preload class A	56 N/micron
Preload class B	73 N/micron
Preload class C	115 N/micron
r1,2 min.	1.1 mm
r3,4 min.	0.6 mm
da min.	81 mm
da max.	89.2 mm
db min.	81 mm
db max.	87.4 mm
Da max.	109 mm
Db max.	111.8 mm
ra max.	1 mm
rb max.	0.6 mm

Basic dynamic load rating C	26.5 kN
Basic static load rating C0	29 kN
Fatigue load limit Pu	0.75 kN
Attainable speed for grease lubrication	18000 r/min
Ball diameter Dw	7.938 mm
Number of balls z	30
Preload class A GA	65 N
Static axial stiffness, preload class A	56 N/ $\mu$ m
Preload class B GB	130 N
Static axial stiffness, preload class B	73 N/ $\mu$ m
Preload class C GC	390 N
Static axial stiffness, preload class C	115 N/ $\mu$ m
Calculation factor f	1.08
Calculation factor f1	1
Calculation factor f2A	1
Calculation factor f2B	1.02
Calculation factor f2C	1.05
Calculation factor fHC	1.01
Calculation factor f0	9.7
Mass bearing	0.66 kg