

ISB 682XZZ deep groove ball bearings

100% Authentic. ISB 682XZZ deep groove ball bearings 68 Bore Diameter (mm) Highest 68x40x15 Size (mm) Quality. Certified 40 Outer Diameter (mm) Supplier.

Size (mm)	68x40x15
Bore Diameter (mm)	68
Outer Diameter (mm)	40
Width (mm)	15
d	40 mm
D	68 mm
B	15 mm
d1	50.95 mm
d2	49.87 mm
D2	58.88 mm
r1,2 – min.	1 mm
r3,4 – min.	0.6 mm
a	20.2 mm
da – min.	44.6 mm
da – max.	50.4 mm
db – min.	44.6 mm
db – max.	49.3 mm
Da – max.	63.4 mm
Db – max.	64.8 mm
ra – max.	1 mm
rb – max.	0.6 mm
Basic dynamic load rating – C	6.9 kN

Basic static load rating – C0	5.3 kN
Fatigue load limit – Pu	0.224 kN
Limiting speed for grease lubrication	32000 r/min
Ball – Dw	4.762 mm
Ball – z	26
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	41 N
Preload class B – GB	82 N
Preload class C – GC	245 N
Calculation factor – f	1.04
Calculation factor – f1	0.99
Calculation factor – f2A	1
Calculation factor – f2B	1.02
Calculation factor – f2C	1.05
Calculation factor – fHC	1.01
Preload class A	80 N/micron
Preload class B	102 N/micron
Preload class C	153 N/micron
r1,2 min.	1 mm
r3,4 min.	0.6 mm
da min.	44.6 mm
da max.	50.4 mm
db min.	44.6 mm
db max.	49.3 mm
Da max.	63.4 mm

Db max.	64.8 mm
ra max.	1 mm
rb max.	0.6 mm
Basic dynamic load rating C	9.36 kN
Basic static load rating C0	8.65 kN
Fatigue load limit Pu	0.224 kN
Attainable speed for grease lubrication	32000 r/min
Ball diameter Dw	4.762 mm
Number of balls z	26
Preload class A GA	41 N
Static axial stiffness, preload class A	80 N/ μ m
Preload class B GB	82 N
Static axial stiffness, preload class B	102 N/ μ m
Preload class C GC	245 N
Static axial stiffness, preload class C	153 N/ μ m
Calculation factor f	1.04
Calculation factor f1	0.99
Calculation factor f2A	1
Calculation factor f2B	1.02
Calculation factor f2C	1.05
Calculation factor fHC	1.01
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	0.2 kg