ISB GE 95 XS K plain bearings

100% Authentic. 42x20x12 Size (mm) ISB GE 95 XS K plain bearings 20 Outer Diameter (mm) Highest Quality. Certified 42 Bore Diameter (mm) Supplier.

Size (mm)	42x20x12
Bore Diameter (mm)	42
Outer Diameter (mm)	20
Width (mm)	12
d	20 mm
D	42 mm
B	12 mm
d1	27.1 mm
d2	27.1 mm
D1	34.8 mm
r1,2 – min.	0.6 mm
r3,4 – min.	0.3 mm
a	13.3 mm
da – min.	23.2 mm
db – min.	23.2 mm
Da – max.	38.8 mm
Db – max.	40 mm
ra – max.	0.6 mm
rb – max.	0.3 mm
dn	28.4 mm
Basic dynamic load rating – C	8.3 kN
Basic static load rating – C0	4.2 kN
Fatigue load limit – Pu	0.173 kN

Limiting speed for grease lubrication	45000 r/min
Limiting speed for oil lubrication	70000 mm/min
Ball – Dw	6.35 mm
Ball – z	12
Gref	0.9 cm3
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	50 N
Preload class B – GB	100 N
Preload class C – GC	200 N
Preload class D – GD	400 N
Calculation factor – f	1.03
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	60 N/micron
Preload class B	77 N/micron
Preload class C	100 N/micron
Preload class D	133 N/micron
r1,2 min.	0.6 mm
r3,4 min.	0.3 mm
da min.	23.2 mm
db min.	23.2 mm

Da max.	38.8 mm
Db max.	40 mm
ra max.	0.6 mm
rb max.	0.3 mm
Basic dynamic load rating C	8.32 kN
Basic static load rating C0	4.15 kN
Fatigue load limit Pu	0.173 kN
Attainable speed for grease lubrication	45000 r/min
Attainable speed for oil-air lubrication	70000 r/min
Ball diameter Dw	6.35 mm
Number of balls z	12
Reference grease quantity Gref	0.9 cm^3
Preload class A GA	50 N
Static axial stiffness, preload class A	60 N/µm
Preload class B GB	100 N
Static axial stiffness, preload class B	77 N/µm
Preload class C GC	200 N
Static axial stiffness, preload class C	100 N/µm
Preload class D GD	400 N
Static axial stiffness, preload class D	133 N/µm
Calculation factor f	1.03
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
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	0.06 kg