

ISB GEG 240 ET 2RS plain bearings

Advance ISB GEG 240 ET 2RS plain bearings is 100 Bore Diameter (mm) your source for quality and accessories. shop online for home delivery or pick up in one of our 10000 . 100x65x18 Size (mm)

Size (mm)	100x65x18
Bore Diameter (mm)	100
Outer Diameter (mm)	65
Width (mm)	18
d	65 mm
D	100 mm
B	18 mm
d1	77.26 mm
d2	74.9 mm
D2	91.1 mm
r1,2 – min.	1.1 mm
r3,4 – min.	0.6 mm
a	28.4 mm
da – min.	71 mm
da – max.	76.5 mm
db – min.	71 mm
db – max.	74.1 mm
Da – max.	94 mm
Db – max.	95.8 mm
ra – max.	1 mm
rb – max.	0.6 mm

Basic dynamic load rating – C	19.5 kN
Basic static load rating – C0	14.6 kN
Fatigue load limit – Pu	0.62 kN
Limiting speed for grease lubrication	20000 r/min
Ball – Dw	8.731 mm
Ball – z	25
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	170 N
Preload class B – GB	520 N
Preload class C – GC	1040 N
Calculation factor – f	1.09
Calculation factor – f1	0.99
Calculation factor – f2A	1
Calculation factor – f2B	1.03
Calculation factor – f2C	1.06
Calculation factor – fHC	1.01
Preload class A	146 N/micron
Preload class B	220 N/micron
Preload class C	287 N/micron
r1,2 min.	1.1 mm
r3,4 min.	0.6 mm
da min.	71 mm
da max.	76.5 mm
db min.	71 mm
db max.	74.1 mm

Da max.	94 mm
Db max.	95.8 mm
ra max.	1 mm
rb max.	0.6 mm
Basic dynamic load rating C	19.5 kN
Basic static load rating C ₀	14.6 kN
Fatigue load limit P _u	0.62 kN
Attainable speed for grease lubrication	20000 r/min
Ball diameter D _w	8.731 mm
Number of balls z	25
Preload class A GA	170 N
Static axial stiffness, preload class A	146 N/μm
Preload class B GB	520 N
Static axial stiffness, preload class B	220 N/μm
Preload class C GC	1040 N
Static axial stiffness, preload class C	287 N/μm
Calculation factor f	1.09
Calculation factor f ₁	0.99
Calculation factor f _{2A}	1
Calculation factor f _{2B}	1.03
Calculation factor f _{2C}	1.06
Calculation factor f _{HC}	1.01
Calculation factor e	0.68
Calculation factor (single, tandem) Y ₂	0.87
Calculation factor (single, tandem) Y ₀	0.38
Calculation factor (single, tandem) X ₂	0.41
Calculation factor (back-to-back, face-to-face) Y ₁	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	0.41 kg