

ISB TSM 12 C plain bearings

Enjoy High Margins on Competitive Pricing.Great 140 Outer Diameter (mm) Wholesale Products at 190x140x24 Size (mm) Low Costs.

Size (mm)	190x140x24
Bore Diameter (mm)	190
Outer Diameter (mm)	140
Width (mm)	24
d	140 mm
D	190 mm
B	24 mm
d1	155.4 mm
d2	155.4 mm
D1	174.6 mm
K	0.5 mm
C1	6.92 mm
r1,2 – min.	1.5 mm
r3,4 – min.	0.6 mm
a	50.6 mm
da – min.	147 mm
db – min.	147 mm
Da – max.	183 mm
Db – max.	186 mm
ra – max.	1.5 mm
rb – max.	0.6 mm
dn	159.5 mm
Basic dynamic load rating – C	90.4 kN

Basic static load rating – C0	110 kN
Fatigue load limit – Pu	3.6 kN
Limiting speed for grease lubrication	7000 r/min
Limiting speed for oil lubrication	11000 mm/min
Ball – Dw	15.875 mm
Ball – z	29
Gref	21.6 cm ³
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	560 N
Preload class B – GB	1120 N
Preload class C – GC	2240 N
Preload class D – GD	4480 N
Calculation factor – f	1.29
Calculation factor – f1	0.98
Calculation factor – f2A	1
Calculation factor – f2B	1.07
Calculation factor – f2C	1.12
Calculation factor – f2D	1.17
Calculation factor – fHC	1.04
Preload class A	386 N/micron
Preload class B	507 N/micron
Preload class C	681 N/micron
Preload class D	933 N/micron
r1,2 min.	1.5 mm
r3,4 min.	0.6 mm

da min.	147 mm
db min.	147 mm
Da max.	183 mm
Db max.	186 mm
ra max.	1.5 mm
rb max.	0.6 mm
Basic dynamic load rating C	90.4 kN
Basic static load rating C0	110 kN
Fatigue load limit Pu	3.65 kN
Attainable speed for grease lubrication	7000 r/min
Attainable speed for oil-air lubrication	11000 r/min
Ball diameter Dw	15.875 mm
Number of balls z	29
Reference grease quantity Gref	21.6 cm ³
Preload class A GA	560 N
Static axial stiffness, preload class A	386 N/μm
Preload class B GB	1120 N
Static axial stiffness, preload class B	507 N/μm
Preload class C GC	2240 N
Static axial stiffness, preload class C	681 N/μm
Preload class D GD	4480 N
Static axial stiffness, preload class D	933 N/μm
Calculation factor f	1.29
Calculation factor f1	0.98
Calculation factor f2A	1
Calculation factor f2B	1.07
Calculation factor f2C	1.12
Calculation factor f2D	1.17
Calculation factor fHC	1.04

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	1.39 kg