

# ISB 29420 M thrust roller bearings

ISB 29420 M thrust roller bearings Manufacturers , 60 Outer Diameter (mm) Online 85 Bore Diameter (mm) Wholesale Suppliers  85x60x13 Size (mm) !

Size (mm)	85x60x13
Bore Diameter (mm)	85
Outer Diameter (mm)	60
Width (mm)	13
d	60 mm
D	85 mm
B	13 mm
d1	68.94 mm
d2	67.73 mm
D2	78.36 mm
r1,2 – min.	1 mm
r3,4 – min.	0.3 mm
a	27.2 mm
da – min.	64.6 mm
db – min.	64.6 mm
Da – max.	80.4 mm
Db – max.	83 mm
ra – max.	1 mm
rb – max.	0.3 mm
dn	69.8 mm
Basic dynamic load rating – C	9.8 kN
Basic static load rating – C0	8.3 kN

Fatigue load limit – Pu	0.355 kN
Limiting speed for grease lubrication	19000 r/min
Limiting speed for oil lubrication	30000 mm/min
Ball – Dw	5.556 mm
Ball – z	30
Gref	2.77 cm <sup>3</sup>
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	57 N
Preload class B – GB	115 N
Preload class C – GC	340 N
Calculation factor – f	1.11
Calculation factor – f1	0.99
Calculation factor – f2A	1
Calculation factor – f2B	1.02
Calculation factor – f2C	1.07
Calculation factor – fHC	1
Preload class A	94 N/micron
Preload class B	122 N/micron
Preload class C	182 N/micron
r1,2 min.	1 mm
r3,4 min.	0.3 mm
da min.	64.6 mm
db min.	64.6 mm
Da max.	80.4 mm
Db max.	83 mm

ra max.	1 mm
rb max.	0.3 mm
Basic dynamic load rating C	13.3 kN
Basic static load rating C0	13.4 kN
Fatigue load limit Pu	0.355 kN
Attainable speed for grease lubrication	19000 r/min
Attainable speed for oil-air lubrication	30000 r/min
Ball diameter Dw	5.556 mm
Number of balls z	30
Reference grease quantity Gref	2.77 cm <sup>3</sup>
Preload class A GA	57 N
Static axial stiffness, preload class A	94 N/μm
Preload class B GB	115 N
Static axial stiffness, preload class B	122 N/μm
Preload class C GC	340 N
Static axial stiffness, preload class C	182 N/μm
Calculation factor f	1.11
Calculation factor f1	0.99
Calculation factor f2A	1
Calculation factor f2B	1.02
Calculation factor f2C	1.07
Calculation factor fHC	1
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