

# FAG 23268-B-K-MB+H3268 spherical roller bearings

Browse 200x160x20 Size (mm) FAG 23268-B-K-MB+H3268 spherical roller bearings Categories in the Manufacturers Online Free. including .

Size (mm)	200x160x20
Bore Diameter (mm)	200
Outer Diameter (mm)	160
Width (mm)	20
d	160 mm
D	200 mm
B	20 mm
d1	173.35 mm
d2	173.35 mm
D1	186.7 mm
r1,2 – min.	1.1 mm
r3,4 – min.	0.6 mm
a	52.1 mm
da – min.	166 mm
db – min.	166 mm
Da – max.	194 mm
Db – max.	196.8 mm
ra – max.	1 mm
rb – max.	0.6 mm
dn	175.6 mm
Basic dynamic load rating – C	50.7 kN
Basic static load rating – C0	75 kN

Fatigue load limit – Pu	2.4 kN
Limiting speed for grease lubrication	5000 r/min
Limiting speed for oil lubrication	8000 mm/min
Ball – Dw	11.112 mm
Ball – z	38
Gref	14 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	450 N
Preload class B – GB	1350 N
Preload class C – GC	2690 N
Calculation factor – f	1.42
Calculation factor – f1	0.97
Calculation factor – f2A	1
Calculation factor – f2B	1.08
Calculation factor – f2C	1.15
Calculation factor – fHC	1
Preload class A	352 N/micron
Preload class B	556 N/micron
Preload class C	764 N/micron
r1,2 min.	1.1 mm
r3,4 min.	0.6 mm
da min.	166 mm
db min.	166 mm
Da max.	194 mm
Db max.	196.8 mm

ra max.	1 mm
rb max.	0.6 mm
Basic dynamic load rating C	50.7 kN
Basic static load rating C0	75 kN
Fatigue load limit Pu	2.36 kN
Attainable speed for grease lubrication	5000 r/min
Attainable speed for oil-air lubrication	8000 r/min
Ball diameter Dw	11.112 mm
Number of balls z	38
Reference grease quantity Gref	14 cm <sup>3</sup>
Preload class A GA	450 N
Static axial stiffness, preload class A	352 N/μm
Preload class B GB	1350 N
Static axial stiffness, preload class B	556 N/μm
Preload class C GC	2690 N
Static axial stiffness, preload class C	764 N/μm
Calculation factor f	1.42
Calculation factor f1	0.97
Calculation factor f2A	1
Calculation factor f2B	1.08
Calculation factor f2C	1.15
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	1.23 kg