

FAG 22356-K-MB + H2356X spherical roller bearings

Request A Quote For Your Special FAG 22356-K-MB + H2356X spherical roller bearings 150x100x24 Size (mm) Needs Today! Free 100 Outer Diameter (mm) Quotes. ISO 9001 certified.

Size (mm)	150x100x24
Bore Diameter (mm)	150
Outer Diameter (mm)	100
Width (mm)	24
d	100 mm
D	150 mm
B	24 mm
d1	117.38 mm
d2	114.2 mm
D1	132.61 mm
b	1.8 mm
C1	7.1 mm
C2	4 mm
C3	4 mm
r1,2 – min.	1.5 mm
r3,4 – min.	1 mm
a	41.4 mm
da – min.	107 mm
db – min.	107 mm
Da – max.	143 mm
Db – max.	144.4 mm
ra – max.	1.5 mm

rb – max.	1 mm
dn	120.4 mm
Basic dynamic load rating – C	42.3 kN
Basic static load rating – C0	38 kN
Fatigue load limit – Pu	1.4 kN
Limiting speed for grease lubrication	11200 r/min
Limiting speed for oil lubrication	17500 mm/min
Ball – Dw	12.7 mm
Ball – z	27
Gref	17 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	390 N
Preload class B – GB	1150 N
Preload class C – GC	2310 N
Calculation factor – f	1.12
Calculation factor – f1	0.99
Calculation factor – f2A	1
Calculation factor – f2B	1.03
Calculation factor – f2C	1.06
Calculation factor – fHC	1
Preload class A	220 N/micron
Preload class B	330 N/micron
Preload class C	435 N/micron
r1,2 min.	1.5 mm
r3,4 min.	1 mm

da min.	107 mm
db min.	107 mm
Da max.	143 mm
Db max.	144.4 mm
ra max.	1.5 mm
rb max.	1 mm
Basic dynamic load rating C	42.3 kN
Basic static load rating C0	38 kN
Fatigue load limit Pu	1.43 kN
Attainable speed for grease lubrication	11200 r/min
Attainable speed for oil-air lubrication	17500 r/min
Ball diameter Dw	12.7 mm
Number of balls z	27
Reference grease quantity Gref	17 cm ³
Preload class A GA	390 N
Static axial stiffness, preload class A	220 N/μm
Preload class B GB	1150 N
Static axial stiffness, preload class B	330 N/μm
Preload class C GC	2310 N
Static axial stiffness, preload class C	435 N/μm
Calculation factor f	1.12
Calculation factor f1	0.99
Calculation factor f2A	1
Calculation factor f2B	1.03
Calculation factor f2C	1.06
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	1.26 kg