

# FAG 232/600-E1A-MB1 spherical roller bearings

What is 85x60x13 Size (mm) FAG 232/600-E1A-MB1 spherical roller bearings in mechanical engineering? Manufacturing Service . Upload your CAD file for an 60 Outer Diameter (mm) instant.

Size (mm)	85x60x13
Bore Diameter (mm)	85
Outer Diameter (mm)	60
Width (mm)	13
d	60 mm
D	85 mm
B	13 mm
d1	67.75 mm
d2	65.7 mm
D1	77.3 mm
b	2.2 mm
C1	6.5 mm
C2	2.5 mm
C3	2 mm
r1,2 – min.	1 mm
r3,4 – min.	0.3 mm
a	16.8 mm
da – min.	64.6 mm
db – min.	62 mm
Da – max.	80.4 mm
Db – max.	83 mm

ra – max.	1 mm
rb – max.	0.3 mm
dn	69.6 mm
Basic dynamic load rating – C	16.3 kN
Basic static load rating – C0	11.8 kN
Fatigue load limit – Pu	0.5 kN
Limiting speed for grease lubrication	26000 r/min
Limiting speed for oil lubrication	40000 mm/min
Ball – Dw	7.938 mm
Ball – z	23
Gref	2.5 cm <sup>3</sup>
Calculation factor – f0	8.5
Preload class A – GA	87 N
Preload class B – GB	262 N
Preload class C – GC	523 N
Calculation factor – f	1
Calculation factor – f2A	1
Calculation factor – f2B	1.05
Calculation factor – f2C	1.09
Calculation factor – fHC	1.01
Preload class A	52 N/micron
Preload class B	81 N/micron
Preload class C	111 N/micron
r1,2 min.	1 mm
r3,4 min.	0.3 mm
da min.	64.6 mm
db min.	62 mm
Da max.	80.4 mm
Db max.	83 mm

ra max.	1 mm
rb max.	0.3 mm
Basic dynamic load rating C	16.3 kN
Basic static load rating C0	11.8 kN
Fatigue load limit Pu	0.5 kN
Attainable speed for grease lubrication	26000 r/min
Attainable speed for oil-air lubrication	40000 r/min
Ball diameter Dw	7.938 mm
Number of balls z	23
Reference grease quantity Gref	2.5 cm <sup>3</sup>
Preload class A GA	87 N
Static axial stiffness, preload class A	52 N/μm
Preload class B GB	262 N
Static axial stiffness, preload class B	81 N/μm
Preload class C GC	523 N
Static axial stiffness, preload class C	111 N/μm
Calculation factor f	1.13
Calculation factor f1	1
Calculation factor f2A	1
Calculation factor f2B	1.05
Calculation factor f2C	1.09
Calculation factor fHC	1.01
Calculation factor f0	8.5
Mass bearing	0.16 kg