

INA GE 45 AX plain bearings

INA GE 45 AX plain bearings Manufacturers , Online Wholesale
85 Outer Diameter (mm) Suppliers ! 130x85x22 Size (mm)

Size (mm)	130x85x22
Bore Diameter (mm)	130
Outer Diameter (mm)	85
Width (mm)	22
d	85 mm
D	130 mm
B	22 mm
d1	101.7 mm
d2	99.3 mm
D2	116.4 mm
r1,2 – min.	1.1 mm
r3,4 – min.	0.6 mm
a	25.5 mm
da – min.	91 mm
da – max.	100.9 mm
db – min.	91 mm
db – max.	98.5 mm
Da – max.	124 mm
Db – max.	126.8 mm
ra – max.	1 mm
rb – max.	0.6 mm
Basic dynamic load rating – C	27 kN
Basic static load rating – C0	23.6 kN
Fatigue load limit – Pu	0.965 kN

Limiting speed for grease lubrication	16000 r/min
Ball – Dw	9.525 mm
Ball – z	28
Calculation factor – f ₀	9.6
Preload class A – GA	80 N
Preload class B – GB	160 N
Preload class C – GC	480 N
Calculation factor – f	1
Calculation factor – f _{2A}	1
Calculation factor – f _{2B}	1.02
Calculation factor – f _{2C}	1.05
Calculation factor – f _{HC}	1.01
Preload class A	61 N/micron
Preload class B	79 N/micron
Preload class C	124 N/micron
r _{1,2} min.	1.1 mm
r _{3,4} min.	0.6 mm
d _a min.	91 mm
d _a max.	100.9 mm
d _b min.	91 mm
d _b max.	98.5 mm
D _a max.	124 mm
D _b max.	126.8 mm
r _a max.	1 mm
r _b max.	0.6 mm
Basic dynamic load rating C	31.9 kN
Basic static load rating C ₀	36 kN
Fatigue load limit P _u	0.965 kN
Attainable speed for grease lubrication	16000 r/min

Ball diameter D_w	9.525 mm
Number of balls z	28
Preload class A GA	80 N
Static axial stiffness, preload class A	61 N/ μm
Preload class B GB	160 N
Static axial stiffness, preload class B	79 N/ μm
Preload class C GC	480 N
Static axial stiffness, preload class C	124 N/ μm
Calculation factor f	1.08
Calculation factor f_1	1
Calculation factor f_{2A}	1
Calculation factor f_{2B}	1.02
Calculation factor f_{2C}	1.05
Calculation factor f_{HC}	1.01
Calculation factor f_0	9.6
Mass bearing	0.9 kg