

INA SCE107-1/2 needle roller bearings

INA SCE107-1/2 needle roller bearings Needs Analysis , Manufacturing Service . Get Your 145x105x20 Size (mm) 105 Outer Diameter (mm) Free.

Size (mm)	145x105x20
Bore Diameter (mm)	145
Outer Diameter (mm)	105
Width (mm)	20
d	105 mm
D	145 mm
B	20 mm
d1	117.3 mm
d2	117.3 mm
D2	135.65 mm
r1,2 – min.	1.1 mm
r3,4 – min.	0.6 mm
a	26.8 mm
da – min.	111 mm
da – max.	116.7 mm
db – min.	111 mm
db – max.	116.7 mm
Da – max.	139 mm
Db – max.	141 mm
ra – max.	1 mm
rb – max.	0.6 mm
Basic dynamic load rating – C	61.8 kN

Basic static load rating – C0	69.5 kN
Fatigue load limit – Pu	2.6 kN
Limiting speed for grease lubrication	8500 r/min
Ball – Dw	12.7 mm
Ball – z	27
Calculation factor – f0	16.4
Preload class A – GA	230 N
Preload class B – GB	460 N
Preload class C – GC	920 N
Preload class D – GD	1840 N
Calculation factor – f	1
Calculation factor – f2A	1
Calculation factor – f2B	1.04
Calculation factor – f2C	1.09
Calculation factor – f2D	1.15
Calculation factor – fHC	1
Preload class A	110 N/micron
Preload class B	151 N/micron
Preload class C	215 N/micron
Preload class D	316 N/micron
r1,2 min.	1.1 mm
r3,4 min.	0.6 mm
da min.	111 mm
da max.	116.7 mm
db min.	111 mm
db max.	116.7 mm
Da max.	139 mm
Db max.	141 mm
ra max.	1 mm

rb max.	0.6 mm
Basic dynamic load rating C	61.8 kN
Basic static load rating C0	69.5 kN
Fatigue load limit Pu	2.6 kN
Attainable speed for grease lubrication	8500 r/min
Ball diameter Dw	12.7 mm
Number of balls z	27
Preload class A GA	230 N
Static axial stiffness, preload class A	110 N/ μ m
Preload class B GB	460 N
Static axial stiffness, preload class B	151 N/ μ m
Preload class C GC	920 N
Static axial stiffness, preload class C	215 N/ μ m
Preload class D GD	1840 N
Static axial stiffness, preload class D	316 N/ μ m
Calculation factor f	1.25
Calculation factor f1	1
Calculation factor f2A	1
Calculation factor f2B	1.04
Calculation factor f2C	1.09
Calculation factor f2D	1.15
Calculation factor fHC	1
Calculation factor f0	16.4
Mass bearing	0.85 kg