

IKO KT 354218 needle roller bearings

What are the dimensions of a IKO KT 354218 needle roller bearings? 105x130x13 Size (mm) Manufacturing Service . Get Your Free, Instant Quote

Size (mm)	105x130x13
Bore Diameter (mm)	105
Outer Diameter (mm)	130
Width (mm)	13
d	105 mm
D	130 mm
B	13 mm
C	13 mm
d1	113.2 mm
d2	113.2 mm
r1 min.	1 mm
r2 min.	1 mm
r3 min.	0,3 mm
r4 min.	0,3 mm
D1	122 mm
D2	– mm
da min.	109.6 mm
Da max.	125.4 mm
db min	109,6 mm
ra max.	1 mm
rb max.	0.3 mm
dh	114,6 mm

Db max	128 mm
Weight	0,32 Kg
Basic dynamic load rating (C)	21,6 kN
Basic static load rating (C0)	28,5 kN
(Grease) Lubrication Speed	8 000 r/min
(Oil) Lubrication Speed	12 000 r/min
Fatigue load limit (Pu)	1,1
r1,2 min.	1 mm
r3,4 min.	0.3 mm
a	34 mm
db min.	109.6 mm
Db max.	128 mm
dn	114.6 mm
Basic dynamic load rating C	21.6 kN
Basic static load rating C0	28.5 kN
Fatigue load limit Pu	1.1 kN
Attainable speed for grease lubrication	8000 r/min
Attainable speed for oil-air lubrication	12000 r/min
Ball diameter Dw	7.144 mm
Number of balls z	35
Reference grease quantity Gref	4 cm ³
Preload class A GA	200 N
Static axial stiffness, preload class A	220 N/μm
Preload class B GB	600 N
Static axial stiffness, preload class B	353 N/μm
Preload class C GC	1200 N
Static axial stiffness, preload class C	488 N/μm
Calculation factor f	1.44
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	0.32 kg