

NBS KBK 11x15x17 needle roller bearings

Various 60x85x13 Size (mm) types and sizes to accommodate your 85 Outer Diameter (mm) NBS KBK 11x15x17 needle roller bearings requirements. 60 Bore Diameter (mm)

Size (mm)	60x85x13
Bore Diameter (mm)	60
Outer Diameter (mm)	85
Width (mm)	13
d	60 mm
D	85 mm
B	13 mm
C	13 mm
d1	67.7 mm
d2	67.7 mm
r1 min.	1 mm
r2 min.	1 mm
r3 min.	0,3 mm
r4 min.	0,3 mm
D1	77,3 mm
D2	79.56 mm
da min.	64.6 mm
Da max.	80.4 mm
db min	64,6 mm
ra max.	1 mm
rb max.	0.3 mm
dh	69,7 mm

Db max	83 mm
Weight	0,16 Kg
Basic dynamic load rating (C)	18,6 kN
Basic static load rating (C0)	14,6 kN
(Grease) Lubrication Speed	16 000 r/min
(Oil) Lubrication Speed	26 000 r/min
Fatigue load limit (Pu)	0,62
r1,2 min.	1 mm
r3,4 min.	0.3 mm
a	23.5 mm
da max.	67.1 mm
db min.	64.6 mm
db max.	67.1 mm
Db max.	83 mm
Basic dynamic load rating C	18.6 kN
Basic static load rating C0	14.6 kN
Fatigue load limit Pu	0.62 kN
Attainable speed for grease lubrication	16000 r/min
Ball diameter Dw	7.938 mm
Number of balls z	24
Preload class A GA	120 N
Static axial stiffness, preload class A	142 N/μm
Preload class B GB	240 N
Static axial stiffness, preload class B	184 N/μm
Preload class C GC	480 N
Static axial stiffness, preload class C	242 N/μm
Preload class D GD	960 N
Static axial stiffness, preload class D	324 N/μm
Calculation factor f	1.17

Calculation factor f1	0.98
Calculation factor f2A	1
Calculation factor f2B	1.07
Calculation factor f2C	1.12
Calculation factor f2D	1.17
Calculation factor fHC	1.04
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	0.17 kg