

# Timken K24X28X13H needle roller bearings

The online 20x37x9 Size (mm) Timken K24X28X13H needle roller bearings parts store gives you immediate access 37 Outer Diameter (mm) to a selection of more than 1.4 million new, used, remanufactured.

Size (mm)	20x37x9
Bore Diameter (mm)	20
Outer Diameter (mm)	37
Width (mm)	9
d	20 mm
D	37 mm
B	9 mm
C	9 mm
d1	25.6 mm
d2	25.6 mm
r1 min.	0,3 mm
r2 min.	0,3 mm
r3 min.	0,2 mm
r4 min.	0,2 mm
D1	31,4 mm
D2	34.15 mm
da min.	22 mm
Da max.	35 mm
db min	22 mm
ra max.	0.3 mm
rb max.	0.2 mm

dh	26,8 mm
Db max	35,6 mm
Weight	0,033 Kg
Basic dynamic load rating (C)	5,72 kN
Basic static load rating (C0)	3,05 kN
(Grease) Lubrication Speed	45 000 r/min
(Oil) Lubrication Speed	67 000 r/min
Fatigue load limit (Pu)	0,129
r1,2 min.	0.3 mm
r3,4 min.	0.2 mm
a	11.2 mm
da max.	25.1 mm
db min.	22 mm
db max.	25.1 mm
Db max.	35.6 mm
Basic dynamic load rating C	5.72 kN
Basic static load rating C0	3.05 kN
Fatigue load limit Pu	0.129 kN
Attainable speed for grease lubrication	45000 r/min
Ball diameter Dw	4.762 mm
Number of balls z	15
Preload class A GA	35 N
Static axial stiffness, preload class A	56 N/ $\mu$ m
Preload class B GB	70 N
Static axial stiffness, preload class B	73 N/ $\mu$ m
Preload class C GC	140 N
Static axial stiffness, preload class C	95 N/ $\mu$ m
Preload class D GD	280 N
Static axial stiffness, preload class D	125 N/ $\mu$ m

Calculation factor f	1.05
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	0.033 kg