

KOYO K25X30X18 needle roller bearings

With over 10170 full-service stores, our KOYO K25X30X18 needle roller bearings inventory is extensive and our parts are priced 62x35x14 Size (mm) right. within 24 hours. This 35 Outer Diameter (mm) helps you maximize your productivity by saving time and your hard-earned dollars.

Size (mm)	62x35x14
Bore Diameter (mm)	62
Outer Diameter (mm)	35
Width (mm)	14
d	35 mm
D	62 mm
B	14 mm
d1	43.7 mm
d2	41.6 mm
D1	52.25 mm
K	0.5 mm
C1	4.52 mm
r1,2 – min.	1 mm
r3,4 – min.	0.6 mm
a	13.5 mm
da – min.	39.6 mm
db – min.	39.6 mm
Da – max.	57.4 mm
Db – max.	57.8 mm
ra – max.	1 mm

rb – max.	0.6 mm
dn	45.6 mm
Basic dynamic load rating – C	11.4 kN
Basic static load rating – C0	6.6 kN
Fatigue load limit – Pu	0.28 kN
Limiting speed for grease lubrication	40000 r/min
Limiting speed for oil lubrication	63000 mm/min
Ball – Dw	7.144 mm
Ball – z	17
Gref	2.4 cm ³
Calculation factor – f0	7.9
Preload class A – GA	60 N
Preload class B – GB	180 N
Preload class C – GC	370 N
Calculation factor – f	1
Calculation factor – f2A	1
Calculation factor – f2B	1.03
Calculation factor – f2C	1.05
Calculation factor – fHC	1.01
Preload class A	35 N/micron
Preload class B	54 N/micron
Preload class C	74 N/micron
r1,2 min.	1 mm
r3,4 min.	0.6 mm
da min.	39.6 mm
db min.	39.6 mm
Da max.	57.4 mm
Db max.	57.8 mm
ra max.	1 mm

rb max.	0.6 mm
Basic dynamic load rating C	11.4 kN
Basic static load rating C0	6.55 kN
Fatigue load limit Pu	0.28 kN
Attainable speed for grease lubrication	40000 r/min
Attainable speed for oil-air lubrication	63000 r/min
Ball diameter Dw	7.144 mm
Number of balls z	17
Reference grease quantity Gref	2.4 cm ³
Preload class A GA	60 N
Static axial stiffness, preload class A	35 N/μm
Preload class B GB	180 N
Static axial stiffness, preload class B	54 N/μm
Preload class C GC	370 N
Static axial stiffness, preload class C	74 N/μm
Calculation factor f	1.06
Calculation factor f1	1
Calculation factor f2A	1
Calculation factor f2B	1.03
Calculation factor f2C	1.05
Calculation factor fHC	1.01
Calculation factor f0	7.9
Mass bearing	0.13 kg