

Timken K47X52X15FH needle roller bearings

Timken K47X52X15FH needle roller bearings 25 Bore Diameter (mm) with easy-to-use parts graphics, giving you the ability to check parts availability, 25x52x15 Size (mm) pricing, examine remanufactured options.

Size (mm)	25x52x15
Bore Diameter (mm)	25
Outer Diameter (mm)	52
Width (mm)	15
d	25 mm
D	52 mm
H	15 mm
d1	33.45 mm
d2	38.5 mm
D1	38.6 mm
D2	44.64 mm
r1,2 – min.	1 mm
a	44 mm
da – min.	32 mm
db – min.	32 mm
Da – max.	47.5 mm
Db – max.	47.5 mm
ra – max.	1 mm
Basic dynamic load rating – C	22.4 kN
Basic static load rating – C0	52 kN
Fatigue load limit – Pu	1.9 kN

Limiting speed for grease lubrication	9000 r/min
Limiting speed for oil lubrication	11000 mm/min
Preload class A	1580 N
Preload class B	3160 N
Frictional moment, Preload class A	0.069 N·m
Frictional moment, Preload class B	0.12 N·m
Static Axial rigidity, Preload class A	725 N/micron
Static Axial rigidity, Preload class B	925 N/micron
Max. axial load – Fa	max. 18 kN
Gref	1.5 cm ³
r _{1,2} min.	1 mm
da min.	32 mm
db min.	32 mm
Da max.	47.5 mm
Db max.	47.5 mm
ra max.	1 mm
Basic dynamic load rating C	22.4 kN
Basic static load rating C ₀	52 kN
Fatigue load limit Pu	1.93 kN
Attainable speed for grease lubrication	9000 r/min
Attainable speed for oil-air lubrication	11000 r/min
Frictional moment, preload class A	0.069 N·m
Frictional moment, preload class B	0.12 N·m
Static axial stiffnes, preload A	725 N/μm
Static axial stiffnes, preload B	925 N/μm
Maximum axial load carrying capacity Fa max.	18 kN
Reference grease quantity Gref	1.5 cm ³
Mass bearing	0.15 kg