

# 100KBE31+L NSK Calculation factor (Y2) 3 100x165x52mm Tapered roller bearings

Bearing number	100KBE31+L
Size (mm)	100x165x52
Brand	NSK
Bore Diameter (mm)	100
Outer Diameter (mm)	165
Width (mm)	52
d	100 mm
D	165 mm
T	52 mm
C	46 mm
r min.	2.5 mm
r1 min.	0.6 mm
da min.	115 mm
Db min.	156 mm
ra max.	2 mm
rb max.	0.6 mm
Weight	4.04 Kg
Basic dynamic load rating (C)	222 kN
Basic static load rating (C0)	340 kN
(Grease) Lubrication Speed	1700 r/min
(Oil) Lubrication Speed	2300 r/min
Calculation factor (e)	0.33
Calculation factor (Y0)	2
Calculation factor (Y2)	3