

# ZVL K-L44649/K-L44610 tapered roller bearings

ZVL K-L44649/K-L44610 tapered roller bearings, Units and Housings CAD models , 49.212×114.3×44.45 Size (mm) Manufacturing Service . Get Your Free.

Size (mm)	49.212×114.3×44.45
Bore Diameter (mm)	49,212
Outer Diameter (mm)	114,3
Width (mm)	44,45
d	49,212 mm
D	114,3 mm
T	44,45 mm
B	44,45 mm
C	34,925 mm
ra1 max.	3,3 mm
a	12,5 mm
Da	97 mm
db	60 mm
ra max.	3,5 mm
da	70 mm
Db	107 mm
Weight	2,23 Kg
Basic dynamic load rating (C)	186 kN
Basic static load rating (C0)	225 kN
(Grease) Lubrication Speed	3 600 r/min
(Oil) Lubrication Speed	4 800 r/min
Calculation factor (e)	0,43

Calculation factor (Y0)	0,77
d1	79.5 mm
e	0.43
Y2	1.39
Y0	0.77
Mass	2.23 kg
Dynamic load, C	186 kN
Rating life coefficient, A2	1.4
Static load, C0	225 kN
Fatigue limit load, Cu	27.4 kN
Nlim (oil)	4,800 rpm
Nlim (grease)	3,600 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.88 Hz
Characteristic outer ring frequency, BPF0	5.67 Hz
Characteristic inner ring frequency, BPF1	8.33 Hz
ra max	3.5 mm
r1a max	3.3 mm
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	2.216
Product Group	B04334