

# T4CB100 KOYO Y1 1.27 100x145x24mm Tapered roller bearings

Bearing number	T4CB100
Size (mm)	100x145x24
Brand	KOYO
Bore Diameter (mm)	100
Outer Diameter (mm)	145
Width (mm)	24
d	100 mm
D	145 mm
T	24 mm
B	22.5 mm
C	17.5 mm
a	29.9 mm
r min.	3 mm
r2 min.	3 mm
da min.	112 mm
da max	109 mm
Da min	132 mm
Da max.	133 mm
Db min.	140 mm
ra max.	2.5 mm
rb max.	2.5 mm
Weight	1.12 Kg
Basic dynamic load rating (C)	116 kN
Basic static load rating (C0)	167 kN

(Grease) Lubrication Speed	2400 r/min
(Oil) Lubrication Speed	3200 r/min
Calculation factor (e)	0.47
Calculation factor (Y0)	0.7
Bearing No.	T4CB100
r(min)	3
r1(min)	3
Cr	146
C0r	167
Cu	24.6
Grease lub.	2400
Oil lub.	3200
a(mm)	29.9
da(min)	112
db(max)	109
Da(max)	133
Da(min)	132
Db(min)	140
Sa(min)	4
Sb(min)	6.5
ra(max)	2.5
rb(max)	2.5
e	0.47
Y1	1.27
Y0	0.70
(Refer.) Mass (kg)	1.12