



Bearing No. 4T-T4CB100

B	22,5 mm
e	0.47
d	100 mm
D	145 mm
T	24 mm
C	17,5 mm
a	30 mm
Y2	1.27
Sa	4 mm
d1	121.5 mm
Y0	0.7
Sb	6,5 mm
Mass	1.15 kg
ra max	2.5 mm
Weight	1,15 Kg
Ca min	4 mm
Db min	140 mm
r min.	3 mm
Da max	131 mm
rs min	3 mm
Da min	130 mm
Cb min	6.5 mm
db min	114 mm
da max	109 mm
r1s min	3 mm
ra max.	2,5 mm
r1a max	2.5 mm
Db min.	140 mm
db max.	109 mm
Da max.	131 mm

da min.	114 mm
r1 min.	3 mm
ra1 max.	2,5 mm
Category	Bearings
Size (mm)	100x145x24
Inventory	0.0
Nlim (oil)	2,400 rpm
Width (mm)	24
Nlim (grease)	1,800 rpm
Product Group	B04334
Bearing number	4T-T4CB100
Static load, C0	153 kN
Dynamic load, C	107 kN
ISO 355 reference	T4CB100
Weight / Kilogram	1.107
Manufacturer Name	NTN
Bore Diameter (mm)	100
Outer Diameter (mm)	145
Minimum Buy Quantity	N/A
Calculation factor (e)	0,47
Fatigue limit load, Cu	17.6 kN
(Oil) Lubrication Speed	2 400 r/min
Calculation factor (Y0)	0,7
(Grease) Lubrication Speed	1 800 r/min
Rating life coefficient, A2	1.4
Basic static load rating (C0)	153 kN
Basic dynamic load rating (C)	107 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-40 °C

Characteristic cage frequency, FTF	0.45 Hz
Characteristic inner ring frequency, BPI	13.66 Hz
Characteristic outer ring frequency, BPO	11.34 Hz
Characteristic rolling element frequency, BSF	10.2 Hz