

# RHP LT1/2B thrust ball bearings

Question RHP LT1/2B thrust ball bearings ? 300 Outer Diameter (mm) Find what you need faster by entering your 140 Bore Diameter (mm) 140x300x77 Size (mm) information .

Size (mm)	140x300x77
Bore Diameter (mm)	140
Outer Diameter (mm)	300
Width (mm)	77
d	140 mm
D	300 mm
T	77 mm
B	70 mm
C	47 mm
ra1 max.	3 mm
a	94 mm
r min.	5 mm
r1 min.	4 mm
da min.	162 mm
Da min	234 mm
Da max.	282 mm
db max.	165 mm
Db min.	280 mm
ra max.	4 mm
Sa	9 mm
Sb	30 mm
Weight	23 Kg

Basic dynamic load rating (C)	685 kN
Basic static load rating (C0)	905 kN
(Grease) Lubrication Speed	1 300 r/min
(Oil) Lubrication Speed	1 700 r/min
Calculation factor (e)	0,83
Calculation factor (Y0)	0,4
d1	222.5 mm
rs min	5 mm
r1s min	4 mm
e	0.83
Y2	0.73
Y0	0.4
Mass	23 kg
ISO 355 reference	T7GB140
Dynamic load, C	685 kN
Rating life coefficient, A2	1
Static load, C0	905 kN
Fatigue limit load, Cu	87.2 kN
Nlim (oil)	1,700 rpm
Nlim (grease)	1,300 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	5.59 Hz
Characteristic outer ring frequency, BPF0	6.78 Hz
Characteristic inner ring frequency, BRFI	9.22 Hz
da max	165 mm
db min	162 mm
Da max	282 mm

Db min	280 mm
Ca min	9 mm
Cb min	30 mm
ra max	4 mm
r1a max	3 mm