

# NTN TMB305X77 deep groove ball bearings

The online NTN TMB305X77 deep groove ball bearings parts store gives you immediate 280x500x130 Size (mm) access to a selection of more than 500 Outer Diameter (mm) 1.4 million new, used, remanufactured. 280 Bore Diameter (mm)

Size (mm)	280x500x130
Bore Diameter (mm)	280
Outer Diameter (mm)	500
Width (mm)	130
d	280 mm
D	500 mm
B	130 mm
C	130 mm
r min.	5 mm
da min.	302 mm
Da max.	478 mm
ra max.	4 mm
Weight	110 Kg
Basic dynamic load rating (C)	2 310 kN
Basic static load rating (C0)	3 800 kN
(Grease) Lubrication Speed	770 r/min
(Oil) Lubrication Speed	1 000 r/min
Calculation factor (e)	0,26
Calculation factor (Y0)	2,51
Calculation factor (Y1)	2,57
d2	355 mm

D1	434 mm
rs min	5 mm
Number of lubrication holes	8
b	20 mm
k	12 mm
Associated sleeve reference	H3156
e	0.26
Y1	2.57
Y2	3.83
Y0	2.51
Radial clearance class	CN
Dynamic load, C	2,310 kN
Static load, C0	3,800 kN
Fatigue limit load, Cu	309 kN
Nref	1,000 rpm
Nlim	1,200 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	7.28 Hz
Characteristic outer ring frequency, BPF0	8.67 Hz
Characteristic inner ring frequency, BRFI	11.33 Hz
da min	300 mm
db min	296 mm
Ce min	28 mm
Da max	480 mm
ra max	4 mm