



# DNT BEARING CORP.

## 22256BK NTN Spherical Roller Bearings



Bearing No. 22256BK

22256BK Bearing 2D drawings and 3D CAD models

Size	280x500x130 mm
Bore Diameter	280 mm
Outer Diameter	500 mm
Width	130 mm
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



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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