



NTN DRIVESHAFT ANDERIU, INC.

120,000 mm x 215,000 mm x 58 mm SNR
22224EMKW33 thrust roller bearings



Bearing No. 22224EMKW33

22224EMKW33 Bearing 2D drawings and 3D CAD models

Size	120x215x58 mm
Bore Diameter	120,000 mm
Outer Diameter	215,000 mm
Width	58,000 mm
d	120,000 mm
D	215,000 mm
H	58,000 mm
B	58 mm
D1	192.3 mm
rs min	2.1 mm
Number of lubrication holes	3
b	12.2 mm
k	6 mm
Associated sleeve reference	H3124
e	0.25
Y1	2.74
Y2	4.08
Y0	2.68
Radial clearance class	CN
Mass	8.65 kg
Dynamic load, C	688 kN
Static load, C0	753 kN
Fatigue limit load, Cu	71.3 kN
Nref	3,000 rpm
Nlim	3,800 rpm



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Min operating temperature, T _{min}	-40 ° C
Max operating temperature, T _{max}	200 ° C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	6.27 Hz
Characteristic outer ring frequency, BPF0	7.62 Hz
Characteristic inner ring frequency, BRFI	10.38 Hz
d _{a min}	132 mm
D _{a max}	203 mm
r _{a max}	2 mm