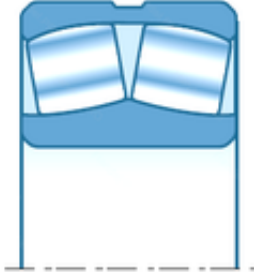




NTK BEARING PRECISION AXLE CORP.

90,000 mm x 190,000 mm x 64 mm SNR
22318EMKW33 thrust roller bearings



Bearing No. 22318EMKW33

22318EMKW33 Bearing 2D drawings and 3D CAD models

Size	90x190x64 mm
Bore Diameter	90,000 mm
Outer Diameter	190,000 mm
Width	64,000 mm
d	90,000 mm
D	190,000 mm
H	64,000 mm
B	64 mm
d2	110.1 mm
D1	165.1 mm
rs min	3 mm
Number of lubrication holes	3
b	11.6 mm
k	5 mm
Associated sleeve reference	H2318
e	0.33
Y1	2.06
Y2	3.07
Y0	2.01
Radial clearance class	CN
Mass	8.38 kg
Dynamic load, C	668 kN
Static load, C0	652 kN
Fatigue limit load, Cu	58 kN
Nref	3,000 rpm



NTK BEARING PRECISION AXLE CORP.

Nlim	3,500 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.68 Hz
Characteristic outer ring frequency, BPF0	5.6 Hz
Characteristic inner ring frequency, BRFI	8.4 Hz
da min	104 mm
db min	100 mm
Ce min	7 mm
Da max	176 mm
ra max	2.5 mm