



# NSK bearing Trading Co., Ltd

60,000 mm x 130,000 mm x 46 mm 60,000 mm x 130,000 mm x 46 mm SNR 22312EMKW33 thrust roller bearings



Bearing No. 22312EMKW33

Size	60x130x46 mm
Bore Diameter	60,000 mm
Outer Diameter	130,000 mm
Width	46,000 mm
d	60,000 mm
D	130,000 mm
H	46,000 mm
B	46 mm
d2	75.3 mm
D1	111.9 mm
rs min	2.1 mm
Number of lubrication holes	3
b	8.7 mm
k	4 mm
Associated sleeve reference	H2312
e	0.35
Y1	1.95
Y2	2.9
Y0	1.91
Radial clearance class	CN
Mass	2.87 kg
Dynamic load, C	340 kN
Static load, C0	319 kN
Fatigue limit load, Cu	29.6 kN
Nref	4,300 rpm

22312EMKW33 Bearing 2D drawings and 3D CAD models



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Nlim	5,100 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	4.77 Hz
Characteristic outer ring frequency, BPF0	5.62 Hz
Characteristic inner ring frequency, BRF1	8.38 Hz
da min	72 mm
db min	66 mm
Ce min	6 mm
Da max	118 mm
ra max	2 mm