



# KRS Guide Wheel Bearing Co., Ltd

220,000 mm x 400,000 mm x 108 mm SNR  
22244EMKW33 thrust roller bearings



Bearing No. 22244EMKW33

22244EMKW33 Bearing 2D drawings and 3D CAD models

Size	220x400x108 mm
Bore Diameter	220,000 mm
Outer Diameter	400,000 mm
Width	108,000 mm
d	220,000 mm
D	400,000 mm
H	108,000 mm
B	108 mm
D1	357.7 mm
rs min	4 mm
Number of lubrication holes	3
b	20.6 mm
k	11 mm
Associated sleeve reference	H3144
e	0.25
Y1	2.74
Y2	4.08
Y0	2.68
Radial clearance class	CN
Mass	59 kg
Dynamic load, C	2,210 kN
Static load, C0	2,690 kN
Fatigue limit load, Cu	213 kN
Nref	1,300 rpm
Nlim	2,000 rpm



## KRS Guide Wheel Bearing Co., Ltd

Min operating temperature, T <sub>min</sub>	-40 ° C
Max operating temperature, T <sub>max</sub>	200 ° C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	6.35 Hz
Characteristic outer ring frequency, BPF0	8.06 Hz
Characteristic inner ring frequency, BRFI	10.94 Hz
d <sub>a min</sub>	237 mm
D <sub>a max</sub>	383 mm
r <sub>a max</sub>	3 mm