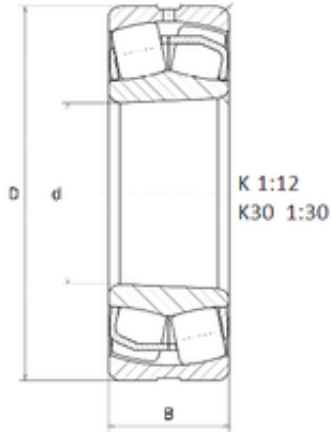




BEARINGS(UK)LTD.

55,000 mm x 120,000 mm x 43,000 mm SNR
22311EMKW33 Double row spherical roller
bearings



Bearing No. 22311EMKW33

22311EMKW33 Bearing 2D drawings and 3D CAD models

Size	55x120x43 mm
Bore Diameter	55,000 mm
Outer Diameter	120,000 mm
Width	43,000 mm
d	55,000 mm
D	120,000 mm
B	43,000 mm
C	43,000 mm
d2	68.7 mm
D1	102.9 mm
rs min	2 mm
Number of lubrication holes	3
b	7.8 mm
k	3.5 mm
Associated sleeve reference	H2311
e	0.36
Y1	1.87
Y2	2.79
Y0	1.83
Radial clearance class	CN
Mass	2.31 kg
Dynamic load, C	296 kN
Static load, C0	274 kN
Fatigue limit load, Cu	25.4 kN
Nref	4,600 rpm



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Nlim	5,600 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	4.7 Hz
Characteristic outer ring frequency, BPF0	5.61 Hz
Characteristic inner ring frequency, BRFI	8.39 Hz
da min	66 mm
db min	61 mm
Ce min	6 mm
Da max	109 mm
ra max	2 mm