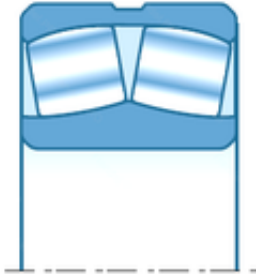




BEARINGS(UK)LTD.



100,000 mm x 180,000 mm x 46 mm SNR
22220EMKW33 Double row spherical roller
bearings

Bearing No. 22220EMKW33

22220EMKW33 Bearing 2D drawings and 3D CAD
models

Size	100x180x46 mm
Bore Diameter	100,000 mm
Outer Diameter	180,000 mm
Width	46,000 mm
d	100,000 mm
D	180,000 mm
H	46,000 mm
B	46 mm
D1	160.8 mm
rs min	2.1 mm
Number of lubrication holes	3
b	11.2 mm
k	5 mm
Associated sleeve reference	H320
e	0.24
Y1	2.84
Y2	4.23
Y0	2.78
Radial clearance class	CN
Mass	5 kg
Dynamic load, C	472 kN
Static load, C0	495 kN
Fatigue limit load, Cu	52.6 kN
Nref	3,600 rpm
Nlim	4,600 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	6.23 Hz
Characteristic outer ring frequency, BPF0	7.61 Hz
Characteristic inner ring frequency, BRFI	10.39 Hz
d _{a min}	112 mm
D _{a max}	168 mm
r _{a max}	2 mm