



## BEARINGS(UK)LTD.

160 mm x 290 mm x 80 mm SNR  
22232.EAKW33C4 Double row spherical roller  
bearings

Bearing No. 22232.EAKW33C4

d	160 mm
D	290 mm
B	80 mm
d2	190 mm
D1	258.7 mm
rs min	3 mm
Number of lubrication holes	3
b	16.9 mm
k	8 mm
Associated sleeve reference	H3132
e	0.25
Y1	2.69
Y2	4
Y0	2.63
Radial clearance class	C4
Mass	22.8 kg
Dynamic load, C	1,220 kN
Static load, C0	1,390 kN
Fatigue limit load, Cu	120 kN
Nref	2,000 rpm
Nlim	2,800 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C

22232.EAKW33C4 Bearing 2D drawings and 3D CAD  
models



## BEARINGS(UK)LTD.

Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	6.17 Hz
Characteristic outer ring frequency, BPF0	7.6 Hz
Characteristic inner ring frequency, BRFI	10.4 Hz
da min	174 mm
Da max	276 mm
ra max	2.5 mm