



USK BEARING COMPANY

180,000 mm x 280,000 mm x 74 mm SNR
23036EMKW33 Double row spherical roller bearings



Bearing No. 23036EMKW33

23036EMKW33 Bearing 2D drawings and 3D CAD models

Size	180x280x74 mm
Bore Diameter	180,000 mm
Outer Diameter	280,000 mm
Width	74,000 mm
d	180,000 mm
D	280,000 mm
H	74,000 mm
B	74 mm
D1	255 mm
rs min	2.1 mm
Number of lubrication holes	3
b	13.2 mm
k	6 mm
Associated sleeve reference	H3036
e	0.23
Y1	2.95
Y2	4.4
Y0	2.89
Radial clearance class	CN
Mass	16.53 kg
Dynamic load, C	1,080 kN
Static load, C0	1,450 kN
Fatigue limit load, Cu	113 kN
Nref	2,000 rpm
Nlim	2,500 rpm



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Min operating temperature, T _{min}	-40 ° C
Max operating temperature, T _{max}	200 ° C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	8.42 Hz
Characteristic outer ring frequency, BPF ₀	10.61 Hz
Characteristic inner ring frequency, BPF _I	13.39 Hz
d _{a min}	190.2 mm
D _{a max}	269.8 mm
r _{a max}	2 mm