



Bearing No. 23036EMKW33

D	280,000 mm
d	180,000 mm
H	74,000 mm
B	74 mm
b	13.2 mm
k	6 mm
e	0.23
Y2	4.4
Y1	2.95
D1	255 mm
Y0	2.89
Nlim	2,500 rpm
Nref	2,000 rpm
Mass	16.53 kg
Da max	269.8 mm
da min	190.2 mm
ra max	2 mm
rs min	2.1 mm
Size (mm)	180x280x74
Width (mm)	74,000
Bearing number	23036EMKW33
Dynamic load, C	1,080 kN
Static load, C0	1,450 kN
Bore Diameter (mm)	180,000
Outer Diameter (mm)	280,000
Fatigue limit load, Cu	113 kN
Radial clearance class	CN
Number of lubrication holes	3
Associated sleeve reference	H3036

Max operating temperature, Tmax	200 °C
Min operating temperature, Tmin	-40 °C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic outer ring frequency, BPF0	10.61 Hz
Characteristic inner ring frequency, BPFI	13.39 Hz
Characteristic rolling element frequency, BSF	8.42 Hz