

# KBC 6012DD deep groove ball bearings

KBC 6012DD deep groove ball bearings 290 mm D with easy-to-use parts 190 mm d graphics, giving you the ability to check parts availability, pricing, examine remanufactured options.

d	190 mm
D	290 mm
B	100 mm
D1	260.1 mm
rs min	2.1 mm
Number of lubrication holes	3
b	11.6 mm
k	5 mm
e	0.31
Y1	2.15
Y2	3.2
Y0	2.1
Radial clearance class	C3
Mass	22.53 kg
Dynamic load, C	1,310 kN
Static load, C0	1,800 kN
Fatigue limit load, Cu	119 kN
Nref	1,500 rpm
Nlim	2,100 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	200 °C
Characteristic cage frequency, FTF	0.44 Hz

Characteristic rolling element frequency, BSF	8.14 Hz
Characteristic outer ring frequency, BPF0	10.14 Hz
Characteristic inner ring frequency, BRFI	12.86 Hz
da min	200.2 mm
Da max	279.8 mm
ra max	2 mm