

# KOYO KGC055 deep groove ball bearings

What are the types of KOYO KGC055 deep groove ball bearings ?  
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design 45 mm d review.

d	45 mm
D	85 mm
B	19 mm
rs min	1.1 mm
Radial clearance class	CN
Mass	0.4 kg
Dynamic load, C	32.5 kN
Static load, C <sub>0</sub>	20.4 kN
Fatigue limit load, C <sub>u</sub>	0.93 kN
f <sub>0</sub>	14.1
N <sub>lim</sub> (oil)	9,200 rpm
N <sub>lim</sub> (grease)	7,800 rpm
Min operating temperature, T <sub>min</sub>	-20 °C
Max operating temperature, T <sub>max</sub>	120 °C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.92 Hz
Characteristic outer ring frequency, BPF <sub>0</sub>	3.62 Hz
Characteristic inner ring frequency, BPF <sub>I</sub>	5.38 Hz
da min	51.5 mm
Da max	78.5 mm
ra max	1 mm