

# FAG 61821-Y deep groove ball bearings

FAG 61821-Y deep groove ball bearings with easy-to-use parts 120 mm D graphics, giving you 65 mm d the ability to check parts availability, pricing, examine remanufactured 31 mm B options.

d	65 mm
D	120 mm
B	31 mm
E	108.5 mm
F	78.5 mm
d1	84.4 mm
D1	104.3 mm
rs min	1.5 mm
r1s min	1.5 mm
Radial clearance class	CN
Mass (without HJ ring)	1.46 kg
Dynamic load, C	154 kN
Static load, C0	188 kN
Fatigue limit load, Cu	22.9 kN
Nref	4,100 rpm
Nlim	6,900 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	6.07 Hz
Characteristic outer ring frequency, BPF0	6.72 Hz

Characteristic inner ring frequency, BPF1	9.28 Hz
da min	73 mm
da max	77 mm
db min	81 mm
dc min	87 mm
Da max	112 mm
ra max	1.5 mm
r1a max	1.5 mm