

FBJ 31307 tapered roller bearings

FBJ 31307 tapered roller bearings with easy-to-use parts graphics, giving you the ability to check 160 mm d parts 114 mm B availability, pricing, examine remanufactured options.

d	160 mm
D	340 mm
B	114 mm
d2	219 mm
D1	295.2 mm
rs min	4 mm
Number of lubrication holes	3
b	20.3 mm
k	10 mm
Associated sleeve reference	H2332
e	0.33
Y1	2.03
Y2	3.02
Y0	1.98
Radial clearance class	C4 Special
Mass	50 kg
Dynamic load, C	1,950 kN
Static load, C0	2,210 kN
Fatigue limit load, Cu	158 kN
Nref	1,400 rpm
Nlim	1,900 rpm
Min operating temperature, Tmin	-40 °C

Max operating temperature, Tmax	200 °C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	5.33 Hz
Characteristic outer ring frequency, BPF0	6.58 Hz
Characteristic inner ring frequency, BRFI	9.42 Hz
da min	177 mm
db min	174 mm
Ce min	8 mm
Da max	323 mm
ra max	3 mm