

Loyal 90-1B14-0225-0536 bearing

Loyal 90-1B14-0225-0536 bearing with easy-to-use parts graphics, giving you the ability to check parts 50 mm d 20 mm B availability, pricing, examine remanufactured options.

d	50 mm
D	90 mm
B	20 mm
rs min	1.1 mm
Radial clearance class	CN
Mass	0.45 kg
Dynamic load, C	35 kN
Static load, C ₀	23.2 kN
Fatigue limit load, C _u	1.05 kN
f ₀	14.4
N _{lim} (oil)	8,300 rpm
N _{lim} (grease)	7,100 rpm
Min operating temperature, T _{min}	-20 °C
Max operating temperature, T _{max}	120 °C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	5.33 Hz
Characteristic outer ring frequency, BPF ₀	4.09 Hz
Characteristic inner ring frequency, BPF _I	5.91 Hz
da min	56.5 mm
Da max	83.5 mm
ra max	1 mm