

# SKF LBBR 30/HV6 linear bearings

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d	100 mm
D	215 mm
B	73 mm
d2	126.7 mm
D1	186.7 mm
rs min	3 mm
Number of lubrication holes	3
b	13.3 mm
k	6 mm
Associated sleeve reference	H2320
e	0.34
Y1	1.98
Y2	2.94
Y0	1.93
Radial clearance class	C4
Mass	12.19 kg
Dynamic load, C	827 kN
Static load, C0	844 kN
Fatigue limit load, Cu	72.4 kN
Nref	2,600 rpm
Nlim	3,100 rpm
Min operating temperature, Tmin	-40 °C

Max operating temperature, Tmax	200 °C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.96 Hz
Characteristic outer ring frequency, BPF0	6.08 Hz
Characteristic inner ring frequency, BRFI	8.92 Hz
da min	114 mm
db min	110 mm
Ce min	7 mm
Da max	201 mm
ra max	2.5 mm