

SKF LBCR 20 A-2LS linear bearings

SKF LBCR 20 A-2LS linear bearings with easy-to-use parts graphics, giving you 25 mm d the ability to check parts availability, pricing, examine remanufactured options.

d	25 mm
D	47 mm
B	12 mm
d1	32.2 mm
d2	30.25 mm
D1	42.65 mm
D2	44.25 mm
a	14 mm
Contact angle α	25 °
rs min	0.6 mm
r1s min	0.3 mm
f0	7.83
Precision class	P4S
Mass	0.08 kg
Dynamic load, C	7.1 kN
Static load, C0	3.7 kN
Fatigue limit load, Cu	0.23 kN
Nlim (grease)	38,000 rpm
Axial displacement K Factor	0.84
Preload level	8
Preload value	0.18 kN
Axial rigidity	97 N/ μ m

Radial rigidity	206 N/ μ m
Min operating temperature, T _{min}	-20 °C
Max operating temperature, T _{max}	120 °C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	6.32 Hz
Characteristic outer ring frequency, BPF ₀	7.3 Hz
Characteristic inner ring frequency, BRF ₁	9.7 Hz
d _{a min}	29.5 mm
d _{b min}	29.5 mm
D _{a max}	42.5 mm
D _{b max}	42.5 mm
r _{1a max}	0.3 mm
r _{a max}	0.6 mm
D ₆	34.2 mm