

SKF BSD 2047 C thrust ball bearings

SKF BSD 2047 C thrust ball bearings manufacturer and global supplier of reliable ball and roller ... SKF BSD 2047 C thrust ball bearings Industries Products Manufacturing & Engineering and Agricultural Bearings designed to meet the unique requirements of our targeted 55 mm d industries.

d	55 mm
D	120 mm
B	29 mm
a min	3.86 mm
a max	4.06 mm
Ca min	6.58 mm
Ca max	6.88 mm
rs min	2 mm
rNs min	0.5 mm
D3 max	115.21 mm
b min	3.1 mm
b max	3.4 mm
r0 max	0.6 mm
D4 max	129.7 mm
f	2.82 mm
Snap ring reference	R120
Radial clearance class	CN
Mass	1.37 kg
Dynamic load, C	71.5 kN
Static load, C0	45 kN

Fatigue limit load, C_u	2.05 kN
f_0	13.2
N_{lim} (grease)	5,800 rpm
Min operating temperature, T_{min}	-20 °C
Max operating temperature, T_{max}	120 °C
Characteristic cage frequency, FTF	0.38 Hz
Characteristic rolling element frequency, BSF	4.08 Hz
Characteristic outer ring frequency, BPF0	3.07 Hz
Characteristic inner ring frequency, BRFI	4.93 Hz
$d_{a \min}$	64 mm
$D_{a \max}$	111 mm
$r_{a \max}$	2 mm
$r_{Na \max}$	0.5 mm
$D_b \min$	131.5 mm