

7220 BECBM

Popular item
SKF Explorer

Angular contact ball bearings, single row

Bearing data

[Tolerances](#),

Normal (metric), P6, P5, Normal (inch),

[Internal clearance](#),

CA+CB+CC, G,

[Preload](#),

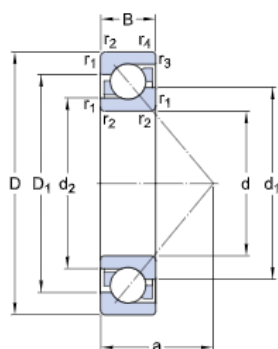
GA+GB+GC

Bearing interfaces

[Seat tolerances for standard conditions](#),

[Tolerances and resultant fit](#)

Technical specification

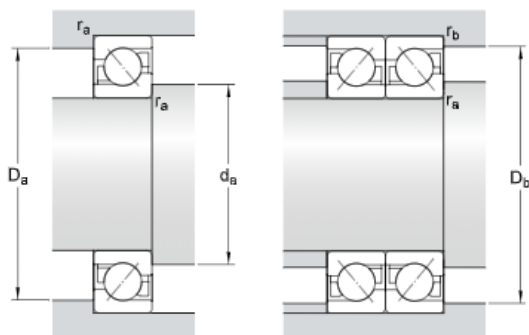


DIMENSIONS

d	100 mm
D	180 mm
B	34 mm
	≈ 130.95 mm
	≈ 115.22 mm
	≈ 150.9 mm
a	76 mm
	min. 2.1 mm
	min. 1.1 mm

ABUTMENT DIMENSIONS

	min. 112 mm
	max. 168 mm
	max. 173 mm
	max. 2 mm
	max. 1 mm



CALCULATION DATA

Basic dynamic load rating	C	143 kN
Basic static load rating		134 kN
Fatigue load limit		4.75 kN
Reference speed		4300 r/min
Limiting speed		5600 r/min
Calculation factor	A	0.239
Calculation factor		0.095
Calculation factor	e	1.14

SINGLE BEARING OR BEARING PAIR ARRANGED IN TANDEM

Calculation factor	X	0.35
Calculation factor		0.26
Calculation factor		0.57

BEARING PAIR ARRANGED BACK-TO-BACK OR FACE-TO-FACE

Calculation factor	X	0.57
Calculation factor		0.52
Calculation factor		0.55
Calculation factor		0.93

MASS

Mass bearing		3.3 kg
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