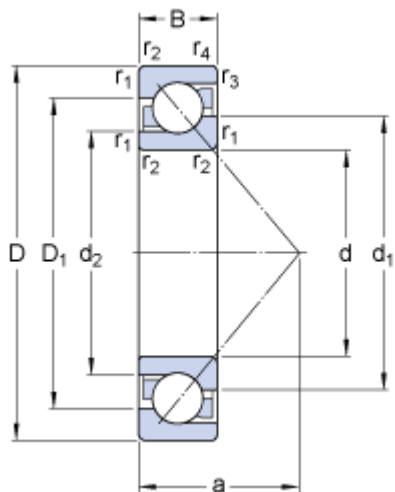


# 7218 BECBP

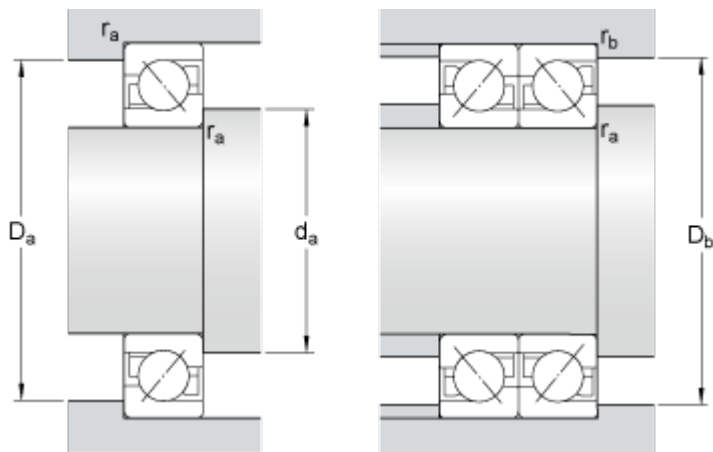
SKF Explorer

## Dimensions



d	<b>90</b>	mm
D	<b>160</b>	mm
B	<b>30</b>	mm
d <sub>1</sub>	≈ <b>117.1</b>	mm
d <sub>2</sub>	≈ <b>103.06</b>	mm
D <sub>1</sub>	≈ <b>134.8</b>	mm
a	<b>67</b>	mm
r <sub>1,2</sub>	min. <b>2</b>	mm
r <sub>3,4</sub>	min. <b>1</b>	mm

## Abutment dimensions



d <sub>a</sub>	min. <b>101</b>	mm
D <sub>a</sub>	max. <b>149</b>	mm
D <sub>b</sub>	max. <b>154</b>	mm
r <sub>a</sub>	max. <b>2</b>	mm
r <sub>b</sub>	max. <b>1</b>	mm

## Calculation data

Basic dynamic load rating	C	<b>116</b>	kN
Basic static load rating	C <sub>0</sub>	<b>104</b>	kN
Fatigue load limit	P <sub>u</sub>	<b>4</b>	kN
Reference speed		<b>5000</b>	r/min

Limiting speed **5000** r/min

Calculation factor  $k_r$  **0.095**

Calculation factor  $k_a$  **1.4**

Calculation factor  $e$  **1.14**

**Single bearing or bearing pair arranged in tandem**

Calculation factor  $X$  **0.35**

Calculation factor  $Y_0$  **0.26**

Calculation factor  $Y_2$  **0.57**

**Bearing pair arranged back-to-back or face-to-face**

Calculation factor  $X$  **0.57**

Calculation factor  $Y_0$  **0.52**

Calculation factor  $Y_1$  **0.55**

Calculation factor  $Y_2$  **0.93**

**Mass**

---

Mass bearing **2.3** kg

---