



22324 CC/W33 Spherical roller

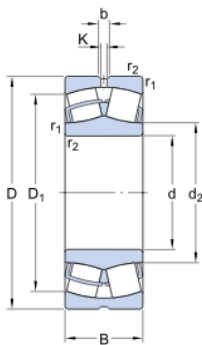
bearings

- Popular item

- SKF Explorer

Spherical roller bearings

Technical specification

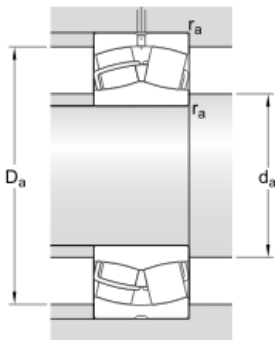


DIMENSIONS

d	120 mm	Bore diameter
D	260 mm	Outside diameter
B	86 mm	Width
d_2	≈ 152 mm	Shoulder diameter inner ring
D_1	≈ 216 mm	Shoulder/recess diameter outer ring
b	13.9 mm	Width annular lubrication groove at outer ring
K	7.5 mm	Diameter lubrication hole (outer ring)
$r_{1,2}$	min. 3 mm	Chamfer dimension outer ring

ABUTMENT DIMENSIONS

d_a	min. 134 mm	Abutment diameter shaft
D_i	max. 246 mm	Abutment diameter housing
r_a	max. 2.5 mm	Fillet radius



CALCULATION DATA

C	1019 kN	Basic dynamic load rating
C ₀	1120 kN	Basic static load rating
P _u	100 kN	Fatigue load limit
	2000 r/min	Reference speed
	2600 r/min	Limiting speed
e	0.35	Calculation factor
Y ₁	1.9	Calculation factor
Y ₂	2.9	Calculation factor
Y ₀	1.8	Calculation factor

MASS

	22.5 kg	Mass bearing
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