



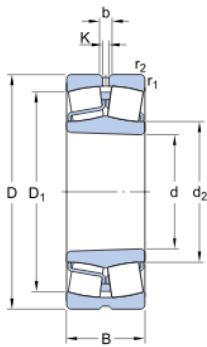
21316 EK Spherical roller

bearings

- Popular item
- SKF Explorer

Spherical roller bearings

Technical specification

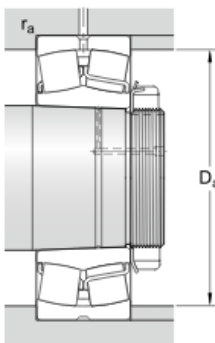


DIMENSIONS

d	80 mm	Bore diameter
D	170 mm	Outside diameter
B	39 mm	Width
d ₂	≈ 106 mm	Shoulder diameter inner ring
D ₁	≈ 141 mm	Shoulder/recess diameter outer ring
b	6 mm	Width annular lubrication groove at outer ring
K	3 mm	Diameter lubrication hole (outer ring)
r _{1,2}	min. 2.1 mm	Chamfer dimension outer ring
Tapered bore, taper 1:12		

ABUTMENT DIMENSIONS

D _c	max. 158 mm	Abutment diameter housing
r _a	max. 2 mm	Fillet radius



CALCULATION DATA

C	331 kN	Basic dynamic load rating
C ₀	375 kN	Basic static load rating
P _u	39 kN	Fatigue load limit
	3800 r/min	Reference speed
	5300 r/min	Limiting speed
e	0.24	Calculation factor
Y ₁	2.8	Calculation factor
Y ₂	4.2	Calculation factor
Y ₀	2.8	Calculation factor

MASS

	4.5 kg	Mass bearing
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MOUNTING INFORMATION

α	130 °	Recommended lock nut tightening angle
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