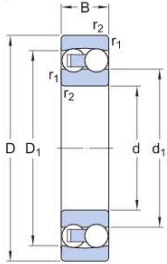


1201 DKFL

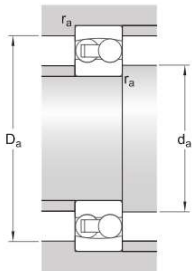


Bore type	Self Aligning Bearings
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DIMENSIONS

d	12 mm	Bore diameter
D	32 mm	Outside diameter
B	10 mm	Width
d₁	≈18.2 mm	Shoulder diameter inner ring
D₁	≈25.7 mm	Shoulder diameter outer ring
r_{1,2}	min.0.6 mm	Chamfer dimension



ABUTMENT DIMENSIONS

d_a	min.16.2 mm	Abutment diameter shaft
D_a	max.27.8 mm	Abutment diameter housing
r_a	max.0.6 mm	Fillet radius

CALCULATION DATA

Basic dynamic load rating	C	6.24 kN
Basic static load rating	C₀	1.43 kN
Fatigue load limit	P₀	0.072 kN
Reference speed		50 000 r/min
Limiting speed		32 000 r/min
Permissible angular misalignment	α	2.5 °
Calculation factor	k_r	0.04
Calculation factor	e	0.33
Calculation factor	Y₀	2
Calculation factor	Y₁	1.9
Calculation factor	Y₂	3

MASS

Mass bearing	0.04 kg
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