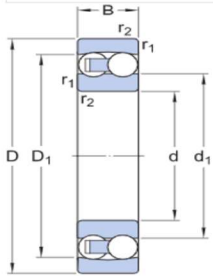


1200 DKFL

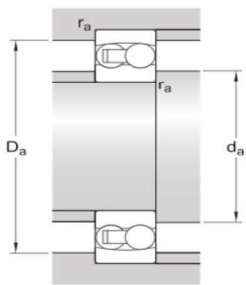


Bore type	Self Aligning Bearings
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DIMENSIONS

d	10 mm	Bore diameter
D	30 mm	Outside diameter
B	9 mm	Width
d ₁	≈16.5 mm	Shoulder diameter inner ring
D ₁	≈23.5 mm	Shoulder diameter outer ring
r _{1,2}	min.0.6 mm	Chamfer dimension



ABUTMENT DIMENSIONS

d _a	min.14.2 mm	Abutment diameter shaft
D _a	max.25.8 mm	Abutment diameter housing
r _a	max.0.6 mm	Fillet radius

CALCULATION DATA

Basic dynamic load rating	C	5.53 kN
Basic static load rating	C ₀	1.18 kN
Fatigue load limit	P _u	0.061 kN
Reference speed		56 000 r/min
Limiting speed		36 000 r/min
Permissible angular misalignment	α	2.5 °
Calculation factor	k _r	0.04
Calculation factor	e	0.33
Calculation factor	Y ₀	2
Calculation factor	Y ₁	1.9
Calculation factor	Y ₂	3

MASS

Mass bearing	0.034 kg
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