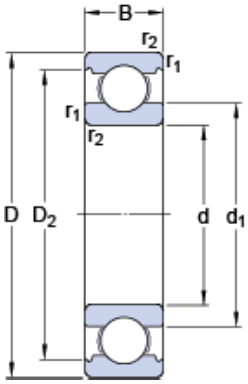
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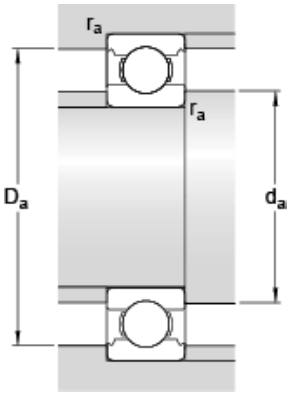
SKF Explorer

Dimensions



d		45	mm
D		85	mm
B		19	mm
d_1	≈	57.6	mm
D_2	≈	75.19	mm
$r_{1,2}$	min.	1.1	mm

Abutment dimensions



d_a	min.	52	mm
D_a	max.	78	mm
r_a	max.	1	mm

Calculation data

Basic dynamic load rating	C	35.1	kN
Basic static load rating	C_0	21.6	kN
Fatigue load limit	P_u	0.915	kN
Reference speed		17000	r/min
Limiting speed		11000	r/min
Calculation factor	k_r	0.025	
Calculation factor	f_0	14.2	

Mass

Mass bearing		0.42	kg