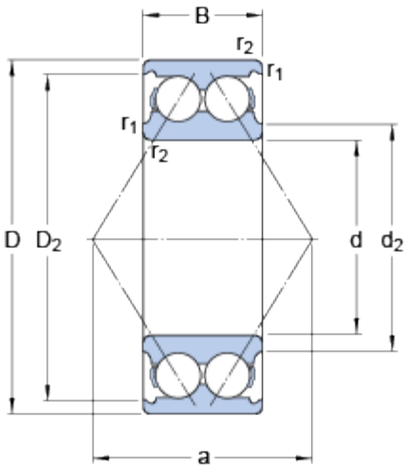
3309 ATN9

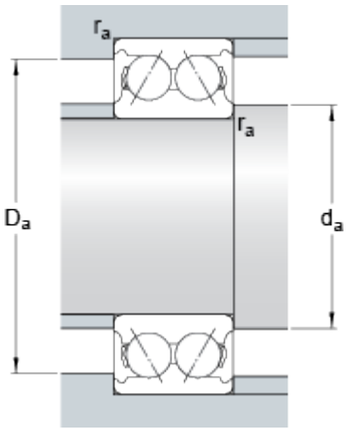
Popular item
SKF Explorer

Dimensions



d		45	mm
D		100	mm
B		39.7	mm
d_2	≈	55.6	mm
D_2	≈	89.95	mm
$r_{1,2}$	min.	1.5	mm
a		58	mm

Abutment dimensions



d_a	min.	54	mm
D_a	max.	91	mm
r_a	max.	1.5	mm

Calculation data

Basic dynamic load rating	C	75	kN
Basic static load rating	C_0	53	kN
Fatigue load limit	P_u	2.24	kN
Reference speed		7500	r/min
Limiting speed		6700	r/min
Calculation factor	k_r	0.07	
Calculation factor	e	0.8	
Calculation factor	X	0.63	
Calculation factor	Y_0	0.66	
Calculation factor	Y_1	0.78	
Calculation factor	Y_2	1.24	

Mass

Mass bearing	1.25	kg