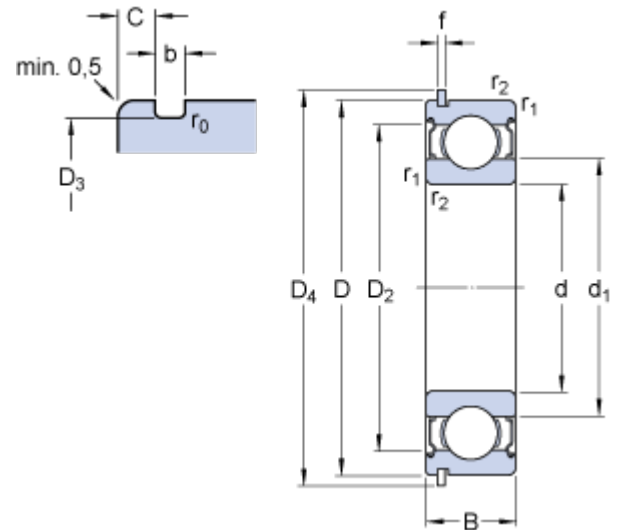


Tolerances:	Single row, Stainless steel, Filling slots, Double row
Values:	Normal (metric), P6, P5, Normal (inch)
Radial internal clearance:	Single row, Stainless steel, Filling slots, Double row
Values:	Matched bearing pairs, Stainless steel d < 10 mm, Other bearings
Recommended fits	
Shaft and housing tolerances and fits	

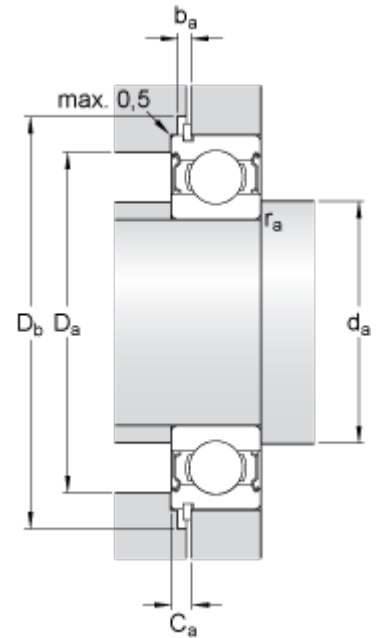
6004-2ZNR

SKF Explorer

Dimensions

			
d	20	mm	
D	42	mm	
B	12	mm	
d ₁	≈ 27.2	mm	
D ₂	≈ 37.19	mm	
D ₃	39.75	mm	
D ₄	46.3	mm	
b	1.35	mm	
C	2.06	mm	
f	1.12	mm	
r ₀	max. 0.4	mm	
r _{1,2}	min. 0.6	mm	

Abutment dimensions

			
d _a	min. 23.2	mm	
d _a	max. 27.1	mm	
D _a	max. 38.8	mm	
D _b	min. 48	mm	
b _a	min. 1.5	mm	
C _a	max. 3.18	mm	
r _a	max. 0.6	mm	

Calculation data

Basic dynamic load rating	C	9.95	kN
Basic static load rating	C ₀	5	kN
Fatigue load limit	P _u	0.212	kN
Reference speed		38000	r/min
Limiting speed		19000	r/min
Calculation factor	k _r	0.025	
Calculation factor	f ₀	14	

Mass			
Mass bearing		0.069	kg

Included products			
Snap ring		SP 42	