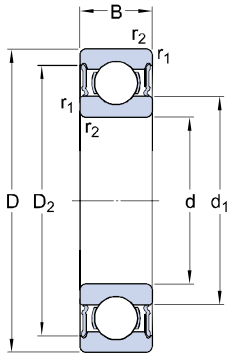
Deep groove ball bearings, single row, stainless steel

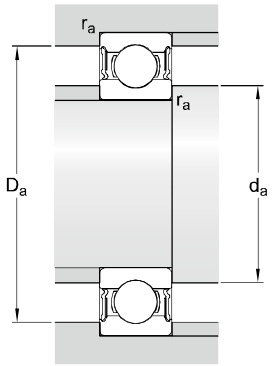
W 6004-2RS1/VP311

Dimensions



d		20	mm
D		42	mm
B		12	mm
d_1	≈	27.6	mm
D_2	≈	38.7	mm
$r_{1,2}$	min.	0.6	mm

Abutment dimensions



d_a	min.	24	mm
d_a	max.	27.5	mm
D_a	max.	39.5	mm
r_a	max.	0.6	mm

Calculation data

Basic dynamic load rating	C	8	kN
Basic static load rating	C_0	5	kN
Fatigue load limit	P_u	0.21	kN
Limiting speed		11000	r/min
Calculation factor	k_r	0.03	
Calculation factor	f_0	13.9	

Mass

Mass bearing		0.0657	kg