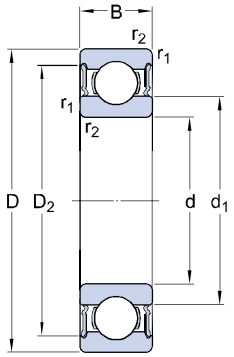
Deep groove ball bearings, single row, stainless steel

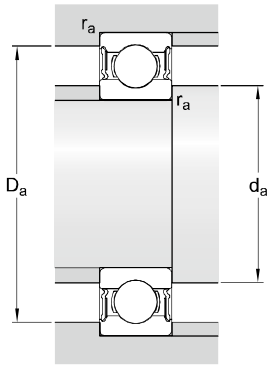
W 6204-2RS1/VP311

Dimensions



d		20	mm
D		47	mm
B		14	mm
d_1	≈	29.5	mm
D_2	≈	40.9	mm
$r_{1,2}$	min.	1	mm

Abutment dimensions



d_a	min.	25	mm
d_a	max.	29	mm
D_a	max.	42	mm
r_a	max.	1	mm

Calculation data

Basic dynamic load rating	C	10.8	kN
Basic static load rating	C_0	6.5	kN
Fatigue load limit	P_u	0.28	kN
Limiting speed		10000	r/min
Calculation factor	k_r	0.03	
Calculation factor	f_0	13.1	

Mass

Mass bearing		0.104	kg