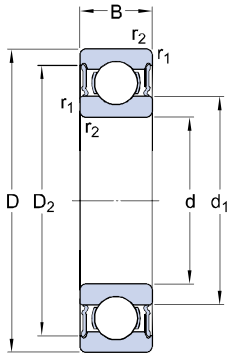
Deep groove ball bearings, single row, stainless steel

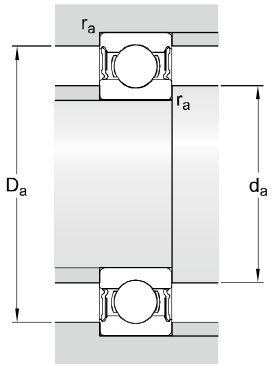
W 6006-2RS1/VP311

Dimensions



d		30	mm
D		55	mm
B		13	mm
d_1	≈	38	mm
D_2	≈	49.9	mm
$r_{1,2}$	min.	1	mm

Abutment dimensions



d_a	min.	35	mm
d_a	max.	37.5	mm
D_a	max.	50.5	mm
r_a	max.	1	mm

Calculation data

Basic dynamic load rating	C	11.4	kN
Basic static load rating	C_0	8.1	kN
Fatigue load limit	P_u	0.35	kN
Limiting speed		8000	r/min
Calculation factor	k_r	0.03	
Calculation factor	f_0	14.7	

Mass

Mass bearing		0.113	kg