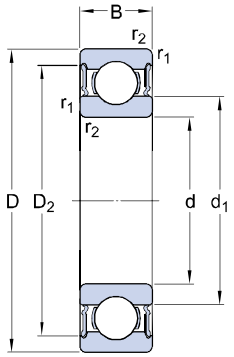
Deep groove ball bearings, single row, stainless steel

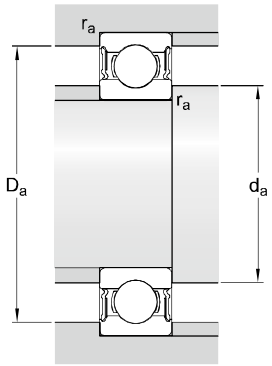
W 6206-2RS1/VP311

Dimensions



d		30	mm
D		62	mm
B		16	mm
d_1	≈	40.7	mm
D_2	≈	55.1	mm
$r_{1,2}$	min.	1	mm

Abutment dimensions



d_a	min.	35	mm
d_a	max.	40.5	mm
D_a	max.	57	mm
r_a	max.	1	mm

Calculation data

Basic dynamic load rating	C	16.5	kN
Basic static load rating	C_0	11.2	kN
Fatigue load limit	P_u	0.48	kN
Limiting speed		7000	r/min
Calculation factor	k_r	0.03	
Calculation factor	f_0	13.9	

Mass

Mass bearing		0.195	kg