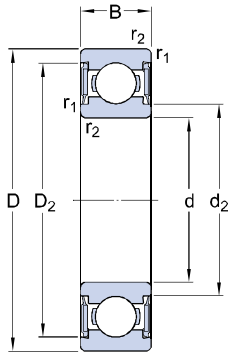
Deep groove ball bearings, single row, stainless steel

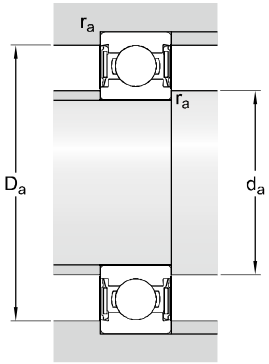
W 6000-2RS1/VP311

Dimensions



d		10	mm
D		26	mm
B		8	mm
d_2	≈	13.9	mm
D_2	≈	22.3	mm
$r_{1,2}$	min.	0.3	mm

Abutment dimensions



d_a	min.	12	mm
d_a	max.	13.5	mm
D_a	max.	24	mm
r_a	max.	0.3	mm

Calculation data

Basic dynamic load rating	C	3.9	kN
Basic static load rating	C_0	1.9	kN
Fatigue load limit	P_u	0.08	kN
Limiting speed		19000	r/min
Calculation factor	k_r	0.03	
Calculation factor	f_0	12.4	

Mass

Mass bearing		0.0185	kg