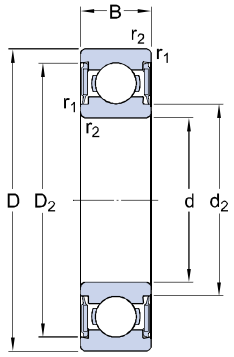
Deep groove ball bearings, single row, stainless steel

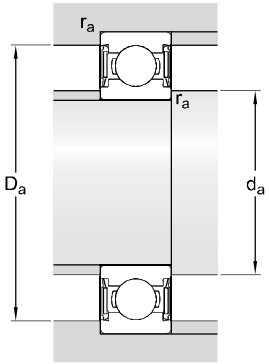
W 6001-2RS1/VP311

Dimensions



d		12	mm
D		28	mm
B		8	mm
d_2	≈	16	mm
D_2	≈	25.1	mm
$r_{1,2}$	min.	0.3	mm

Abutment dimensions



d_a	min.	14	mm
d_a	max.	15.5	mm
D_a	max.	26	mm
r_a	max.	0.3	mm

Calculation data

Basic dynamic load rating	C	4.4	kN
Basic static load rating	C_0	2.3	kN
Fatigue load limit	P_u	0.1	kN
Limiting speed		16000	r/min
Calculation factor	k_r	0.03	
Calculation factor	f_0	13.2	

Mass

Mass bearing		0.0198	kg