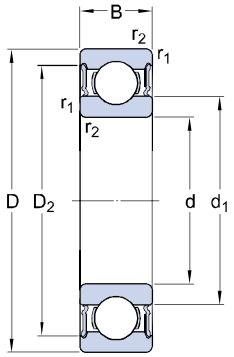
Deep groove ball bearings, single row, stainless steel

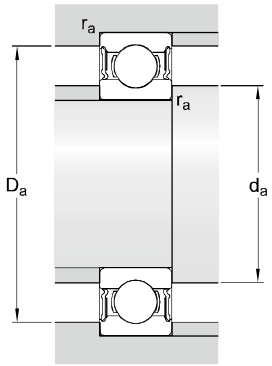
W 6201-2RS1/VP311

Dimensions



d		12	mm
D		32	mm
B		10	mm
d_1	≈	18.5	mm
D_2	≈	27.9	mm
$r_{1,2}$	min.	0.6	mm

Abutment dimensions



d_a	min.	16	mm
d_a	max.	18	mm
D_a	max.	28.5	mm
r_a	max.	0.6	mm

Calculation data

Basic dynamic load rating	C	5.7	kN
Basic static load rating	C_0	3	kN
Fatigue load limit	P_u	0.12	kN
Limiting speed		15000	r/min
Calculation factor	k_r	0.03	
Calculation factor	f_0	12	

Mass

Mass bearing		0.0362	kg