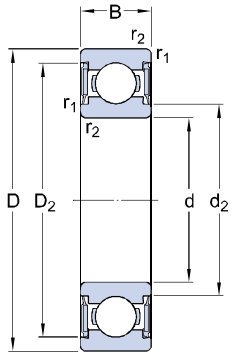
Deep groove ball bearings, single row, stainless steel

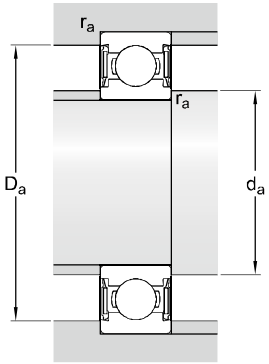
W 6002-2RS1/VP311

Dimensions



d		15	mm
D		32	mm
B		9	mm
d_2	≈	18.6	mm
D_2	≈	29	mm
$r_{1,2}$	min.	0.3	mm

Abutment dimensions



d_a	min.	17	mm
d_a	max.	18.5	mm
D_a	max.	30	mm
r_a	max.	0.3	mm

Calculation data

Basic dynamic load rating	C	4.8	kN
Basic static load rating	C_0	2.8	kN
Fatigue load limit	P_u	0.12	kN
Limiting speed		14000	r/min
Calculation factor	k_r	0.03	
Calculation factor	f_0	13.9	

Mass

Mass bearing		0.0288	kg