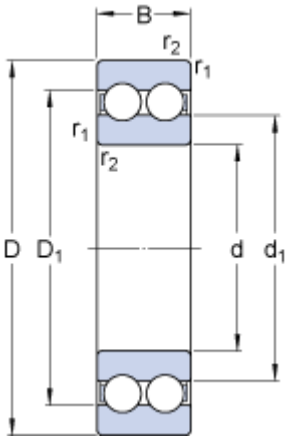
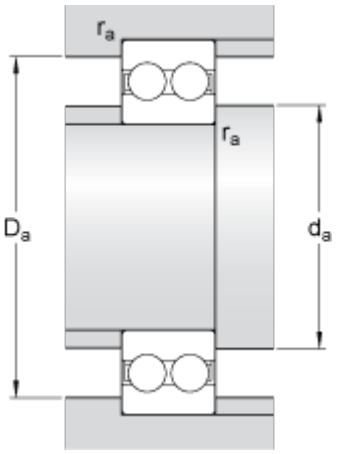
4204 ATN9

Dimensions



d		20	mm
D		47	mm
B		18	mm
d_1	≈	29.7	mm
D_1	≈	38.3	mm
$r_{1,2}$	min.	1	mm

Abutment dimensions



d_a	min.	25.6	mm
D_a	max.	41.4	mm
r_a	max.	1	mm

Calculation data

Basic dynamic load rating	C	17.8	kN
Basic static load rating	C_0	12.5	kN
Fatigue load limit	P_u	0.53	kN
Reference speed		24000	r/min
Limiting speed		13000	r/min
Calculation factor minimum radial load	k_r	0.05	
Calculation factor	f_0	14	

Mass

Mass bearing	0.144	kg