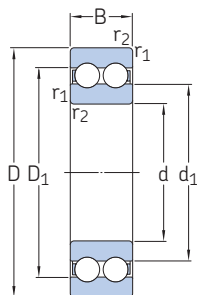


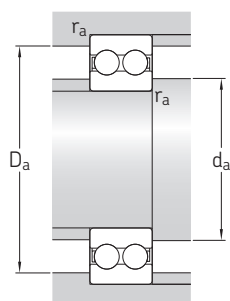
1.6 Double row deep groove ball bearings

d 80 – 90 mm

1.6



Principal dimensions			Basic load ratings		Fatigue load limit	Speed ratings		Mass	Designation
d	D	B	C	C ₀	P _u	Reference speed	Limiting speed		
mm			kN		kN	r/min		kg	–
80	140	33	80,6	90	3,6	7 000	3 800	2	4216 ATN9
85	150	36	93,6	102	4	7 000	3 600	2,55	4217 ATN9
90	160	40	112	122	4,65	6 300	3 400	3,2	4218 ATN9



Dimensions				Abutment and fillet dimensions			Calculation factors	
d	$d_1 \approx$	$D_1 \approx$	$r_{1,2} \text{ min.}$	$d_a \text{ min.}$	$D_a \text{ max.}$	$r_a \text{ max.}$	k_r	f_0
mm				mm			—	
80	102	120	2	91	129	2	0,05	16
85	105	125	2	96	139	2	0,05	15
90	114	136	2	101	149	2	0,05	15