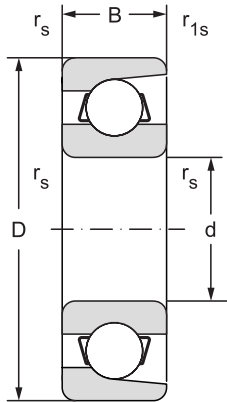
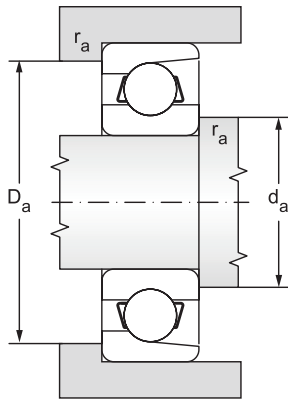


Separable single row ball bearings $d = 10$ to 20 mm



12.1.4

Main dimensions					Basic load rating		Fatigue load limit
d	D	B	r_s	r_{1s}	Dynamic	Static	P_u
			min	min	C_r	C_{or}	
mm					kN		kN
10	28	8	0,3	0,15	6,448	2,914	0,13
12	32	7	0,3	0,15	6,363	3,369	0,15
15	35	8	0,3	0,15	8,395	4,584	0,21
	35	8	0,3	0,15	8,395	4,584	0,21
17	44	11	0,6	0,30	10,713	6,077	0,28
	44	11	0,6	0,30	14,723	8,066	0,37
20	47	12	1,0	0,60	15,876	9,149	0,42



Limiting speed for lubrication with		Bearing designation	Abutment and Fillet Dimensions				Weight
Grease	Oil		d	d _a	D _a	r _a	
min ⁻¹			mm				kg
25000	31000	E10Y	10	12,0	25,5	0,3	0,022
22000	28000	E12TNG	12	14,0	29,0	0,3	0,029
20000	24000	E15	15	17,2	31,8	0,3	0,034
20000	24000	E15Y		17,2	31,8	0,3	0,034
16000	19000	E17	17	22,0	39,0	0,6	0,079
14000	17000	B017		22,0	39,0	0,6	0,075
14000	17000	E20	20	26,0	42,0	1,0	0,089