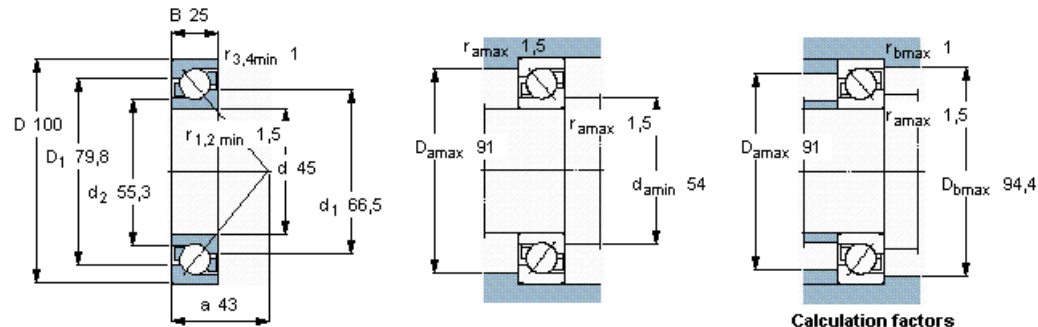


# Angular contact ball bearings, single row



Principal dimensions			Basic load ratings		Fatigue load limit $P_u$	Speed ratings		Mass kg	Designation
d	D	B	dynamic C	static $C_0$		Reference speed r/min	Limiting speed r/min		
mm			kN		kN	r/min			-
45	100	25	55,9	37,5	1,6	8000	8000	0,82	7309 BEP



**Calculation factors**

- $k_r$  0,1
- $k_a$  1,6
- $e$  1,14
- $X$  0,35
- $Y$  0,57
- $Y_0$  0,26