

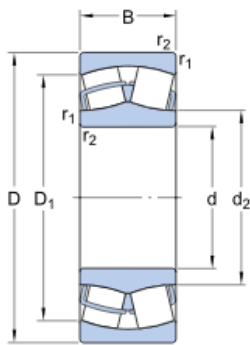


## 21305 CC Spherical roller bearings

- SKF Explorer

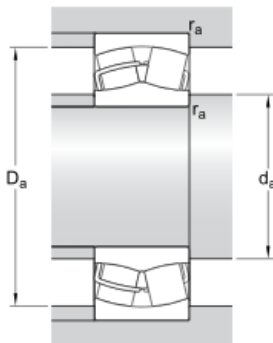
### Spherical roller bearings

#### Technical specification



#### DIMENSIONS

d	25 mm	Bore diameter
D	62 mm	Outside diameter
B	17 mm	Width
$d_2$	≈ 35.7 mm	Shoulder diameter inner ring
$D_1$	≈ 50.7 mm	Shoulder/recess diameter outer ring
$r_{1,2}$	min. 1.1 mm	Chamfer dimension outer ring



#### ABUTMENT DIMENSIONS

$d_a$	min. 32 mm	Abutment diameter shaft
$D_i$	max. 55 mm	Abutment diameter housing
$r_a$	max. 1 mm	Fillet radius

## CALCULATION DATA

C	49.1 kN	Basic dynamic load rating
C <sub>0</sub>	41.5 kN	Basic static load rating
P <sub>u</sub>	4.55 kN	Fatigue load limit
	9300 r/min	Reference speed
	12000 r/min	Limiting speed
e	0.3	Calculation factor
Y <sub>1</sub>	2.3	Calculation factor
Y <sub>2</sub>	3.4	Calculation factor
Y <sub>0</sub>	2.2	Calculation factor

## MASS

	0.27 kg	Mass bearing
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