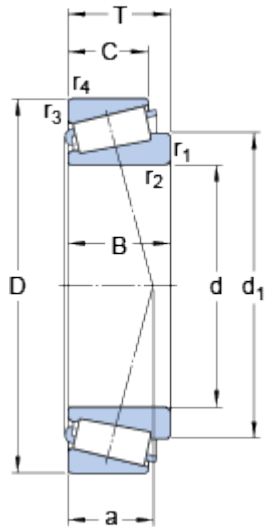


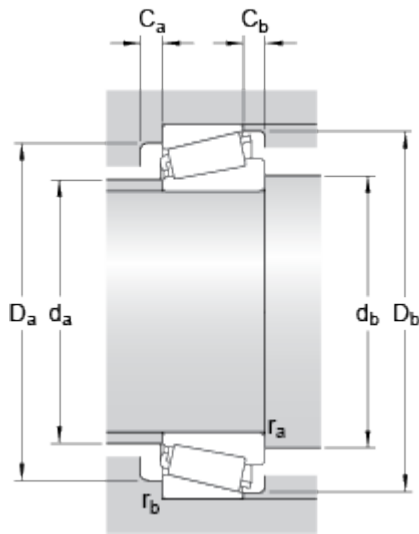
# LM 12749/711/Q

## Dimensions



d		21.986	mm
D		45.974	mm
T		15.494	mm
d <sub>1</sub>	≈	33.9	mm
B		16.637	mm
C		12.065	mm
r <sub>1,2</sub>	min.	1.3	mm
r <sub>3,4</sub>	min.	1.3	mm
a		10	mm

## Abutment dimensions



d <sub>a</sub>	max.	28	mm
d <sub>b</sub>	min.	28.5	mm
D <sub>a</sub>	min.	39	mm
D <sub>a</sub>	max.	40	mm
D <sub>b</sub>	min.	42	mm
C <sub>a</sub>	min.	3	mm
C <sub>b</sub>	min.	3	mm
r <sub>a</sub>	max.	1.3	mm
r <sub>b</sub>	max.	1.3	mm

## Calculation data

Basic dynamic load rating	C	27.5	kN
Basic static load rating	C <sub>0</sub>	31	kN
Fatigue load limit	P <sub>u</sub>	3.2	kN
Reference speed		11000	r/min
Limiting speed		17000	r/min
Calculation factor	e	0.31	
Calculation factor	Y	1.9	

Calculation factor

$Y_0$

1.1

**Mass**

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Mass bearing

0.121

kg