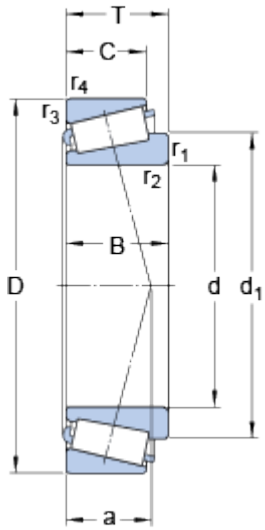


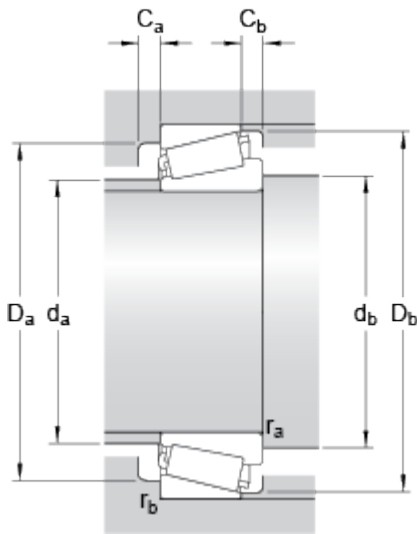
# T7FC 080/QCL7C

## Dimensions



d		80	mm
D		160	mm
T		45	mm
d <sub>1</sub>	≈	125.55	mm
B		41	mm
C		31	mm
r <sub>1,2</sub>	min.	3	mm
r <sub>3,4</sub>	min.	3	mm
a		53	mm

## Abutment dimensions



d <sub>a</sub>	max.	94	mm
d <sub>b</sub>	min.	92	mm
D <sub>a</sub>	min.	121	mm
D <sub>a</sub>	max.	146	mm
D <sub>b</sub>	min.	152	mm
C <sub>a</sub>	min.	5	mm
C <sub>b</sub>	min.	14	mm
r <sub>a</sub>	max.	2.5	mm
r <sub>b</sub>	max.	2.5	mm

## Calculation data

Basic dynamic load rating	C	229	kN
Basic static load rating	C <sub>0</sub>	315	kN
Fatigue load limit	P <sub>u</sub>	35.5	kN
Reference speed		2800	r/min
Limiting speed		4000	r/min
Calculation factor	e	0.88	
Calculation factor	Y	0.68	

Calculation factor

$Y_0$

0.4

**Mass**

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Mass bearing

3.981

kg