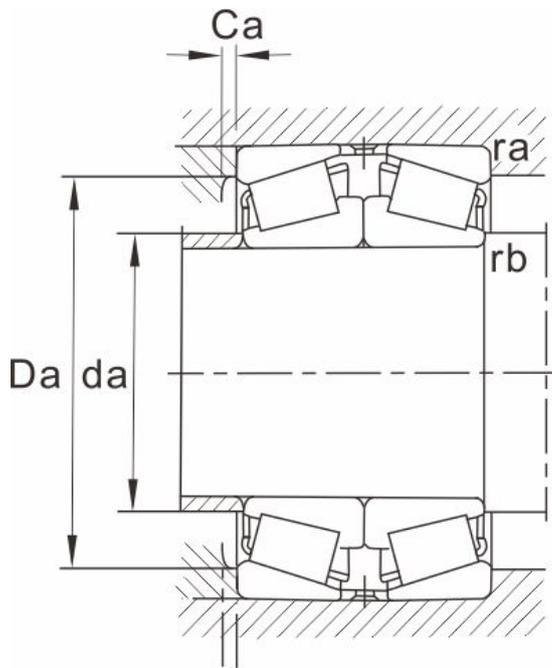


# 31307.DF

## Dimensions and Parameters



Bearing NO.	31307.DF
-------------	----------

### Boundary dimensions [mm]

d	35
D	80
T	45.5

### Load ratings [kN]

Dyna Cr	105
Static Dor	134

### Fatigue load limit [kN]

$p_u$	15.6
-------	------

### Speed ratings [rpm]

grease	3400
Oil	4500
Mass [kg]	1.1

### Bearing dimensions

2B	42
r3.4 min	1.5
r5 min	0.6

### Abutment and fillet

#### dimensions

da max	45
Da min	62
Da max	71
Ca min	3
ra max	1.5
rb max	0.4

## Paired Single Row Tapered Roller Bearings (Face to Face)

---

### Calculation factors

e	0.83
Y1	0.81
Y2	1.2
Y0	0.8