

# 31318T103DB

## Dimensions and Parameters



Designation	31318T103DB
Boundary dimensions [mm]	
d	90
D	190
T	103
Load ratings [kN]	
dyn Cr	457
stat Cor	630
Fatigue load limit [kN]	
pu	73.5
Speed ratings [rpm]	
grease	1900
Oil	3400
Mass	
kg	12.5
Bearing dimensions	
c	70
r1.2 min	4
r5 min	1
Abutment and fillet dimensions	
db max	105
Db min	179
Cb max	16.5
ra max	3
rc max	1

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

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### Calculation factors

e	0.83
Y1	0.81
Y2	1.2
Y <sub>o</sub>	0.8