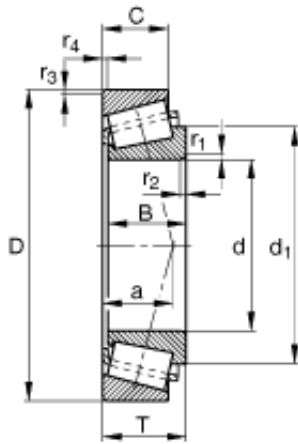




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FAG 33020 Tapered Roller Bearings

Bearing No. 33020

Size	100x150x39 mm
Bore Diameter	100 mm
Outer Diameter	150 mm
Width	39 mm
d	100 mm
D	150 mm
T	39 mm
a	29 mm
B	39 mm
C	32,5 mm
$C_{a \text{ min}}$	7 mm
$C_{b \text{ min}}$	6,5 mm
$D_{a \text{ max}}$	141 mm
$D_{a \text{ min}}$	135 mm
$D_{b \text{ min}}$	143 mm
d_1	124,7 mm
$d_{a \text{ max}}$	108 mm
$d_{b \text{ min}}$	109 mm
$r_{1, 2 \text{ min}}$	2 mm
$r_{3, 4 \text{ min}}$	1,5 mm
$r_{a \text{ max}}$	2 mm
$r_{b \text{ max}}$	1,5 mm
m	2,42 kg / Weight
C_r	225000 N

33020 Bearing 2D drawings and 3D CAD models



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C_{0r}	395000 N / Static load rating (radial)
e	0,29
Y	2,09
Y_0	1,15
C_{ur}	47500 N / Fatigue limit load, radial
n_G	4450 1/min / Limiting speed
n_B	2900 1/min / Reference speed