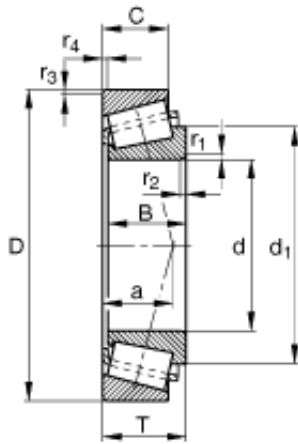




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FAG 33018 Tapered Roller Bearings

Bearing No. 33018

Size	90x140x39 mm
Bore Diameter	90 mm
Outer Diameter	140 mm
Width	39 mm
d	90 mm
D	140 mm
T	39 mm
a	28 mm
B	39 mm
C	32,5 mm
$C_{a \text{ min}}$	7 mm
$C_{b \text{ min}}$	6,5 mm
$D_{a \text{ max}}$	131 mm
$D_{a \text{ min}}$	127 mm
$D_{b \text{ min}}$	135 mm
d_1	116 mm
$d_{a \text{ max}}$	100 mm
$d_{b \text{ min}}$	99 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	2,26 kg / Weight
C_r	216000 N

33018 Bearing 2D drawings and 3D CAD models



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C_{0r}	365000 N / Static load rating (radial)
e	0,27
Y	2,23
Y_0	1,23
C_{ur}	45000 N / Fatigue limit load, radial
n_G	4750 1/min / Limiting speed
n_B	3150 1/min / Reference speed