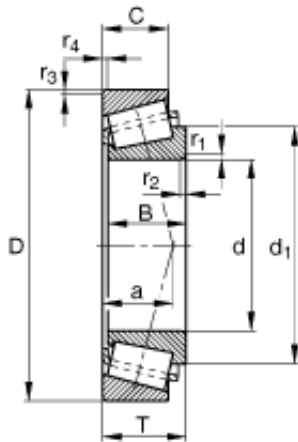




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FAG 32018-XA Tapered Roller Bearings

Bearing No. 32018-XA

Size	90x140x32 mm
Bore Diameter	90 mm
Outer Diameter	140 mm
Width	32 mm
d	90 mm
D	140 mm
T	32 mm
a	30 mm
B	32 mm
C	24 mm
$C_{a \text{ min}}$	6 mm
$C_{b \text{ min}}$	8 mm
$D_{a \text{ max}}$	131 mm
$D_{a \text{ min}}$	125 mm
$D_{b \text{ min}}$	134 mm
d_1	115,3 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	1,76 kg / Weight
C_r	164000 N

32018-XA Bearing 2D drawings and 3D CAD models



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C_{0r}	255000 N / Static load rating (radial)
e	0,42
Y	1,42
Y_0	0,78
C_{ur}	30500 N / Fatigue limit load, radial
n_G	4850 1/min / Limiting speed
n_B	3200 1/min / Reference speed