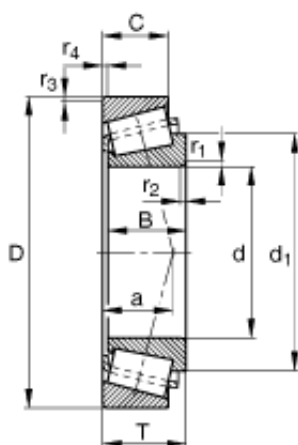




# NACHI BEARINGS TRAINING INDUSTRY



120 mm x 180 mm x 38 mm FAG 32024-X tapered roller bearings

Bearing No. 32024-X

Size	120x180x38 mm
Bore Diameter	120 mm
Outer Diameter	180 mm
Width	38 mm
d	120 mm
D	180 mm
T	38 mm
a	40 mm
B	38 mm
C	29 mm
$C_{a \text{ min}}$	7 mm
$C_{b \text{ min}}$	9 mm
$D_{a \text{ max}}$	170 mm
$D_{a \text{ min}}$	161 mm
$D_{b \text{ min}}$	173 mm
$d_1$	151 mm
$d_{a \text{ max}}$	131 mm
$d_{b \text{ min}}$	130 mm
$r_{1,2 \text{ min}}$	2,5 mm
$r_{3,4 \text{ min}}$	2 mm
$r_{a \text{ max}}$	2,5 mm
$r_{b \text{ max}}$	2 mm
m	3,29 kg / Weight
C	250000 N

32024-X Bearing 2D drawings and 3D CAD models



## NACHI BEARINGS TRAINING INDUSTRY

r	
$C_{0r}$	420000 N / Static load rating (radial)
e	0,46
Y	1,31
$Y_0$	0,72
$C_{ur}$	47500 N / Fatigue limit load, radial
$n_G$	3700 1/min / Limiting speed
$n_B$	2460 1/min / Reference speed