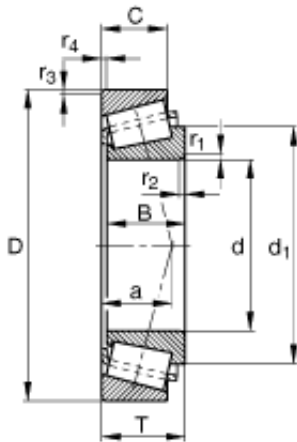




# NTN Bearing Manufacturing



90 mm x 160 mm x 40 mm FAG 32218-XL tapered roller bearings

Bearing No. 32218-XL

32218-XL Bearing 2D drawings and 3D CAD models

Size	90x160x42.5 mm
Bore Diameter	90 mm
Outer Diameter	160 mm
Width	42,5 mm
d	90 mm
D	160 mm
T	42,5 mm
a	36 mm
B	40 mm
C	34 mm
$C_{a \text{ min}}$	5 mm
$C_{b \text{ min}}$	8,5 mm
$D_{a \text{ max}}$	150 mm
$D_{a \text{ min}}$	138 mm
$D_{b \text{ min}}$	152 mm
$d_1$	121,8 mm
$d_{a \text{ max}}$	102 mm
$d_{b \text{ min}}$	100 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	3,43 kg / Weight
C	310000 N



## NTN Bearing Manufacturing

r	
$C_{0r}$	360000 N / Static load rating (radial)
e	0,42
Y	1,43
$Y_0$	0,79
$C_{ur}$	53000 N / Fatigue limit load, radial
$n_G$	4350 1/min / Limiting speed
$n_B$	2800 1/min / Reference speed