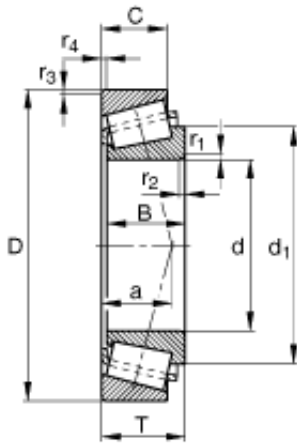




NTN BEARING USA CORP.



105 mm x 190 mm x 36 mm FAG 30221-A Tapered Roller Bearing Assemblies

Bearing No. 30221-A

Size	105x190x39 mm
Bore Diameter	105 mm
Outer Diameter	190 mm
Width	39 mm
d	105 mm
D	190 mm
T	39 mm
a	38 mm
B	36 mm
C	30 mm
$C_{a \text{ min}}$	6 mm
$C_{b \text{ min}}$	9 mm
$D_{a \text{ max}}$	178 mm
$D_{a \text{ min}}$	165 mm
$D_{b \text{ min}}$	177 mm
d_1	143,2 mm
$d_{a \text{ max}}$	122 mm
$d_{b \text{ min}}$	117 mm
$r_{1,2 \text{ min}}$	3 mm
$r_{3,4 \text{ min}}$	2,5 mm
$r_{a \text{ max}}$	3 mm
$r_{b \text{ max}}$	2,5 mm
m	4,46 kg / Weight
C	280000 N

30221-A Bearing 2D drawings and 3D CAD models



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r	
C_{0r}	365000 N / Static load rating (radial)
e	0,42
Y	1,43
Y_0	0,79
C_{ur}	40000 N / Fatigue limit load, radial
n_G	3800 1/min / Limiting speed
n_B	2700 1/min / Reference speed