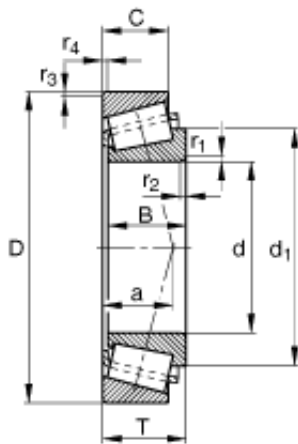




# AMERICAN Timken BEARING MFG.CORP.



110 mm x 200 mm x 38 mm FAG 30222-A  
tapered roller bearings

Bearing No. 30222-A

Size	110x200x41 mm
Bore Diameter	110 mm
Outer Diameter	200 mm
Width	41 mm
d	110 mm
D	200 mm
T	41 mm
a	39 mm
B	38 mm
C	32 mm
$C_{a \text{ min}}$	6 mm
$C_{b \text{ min}}$	9 mm
$D_{a \text{ max}}$	188 mm
$D_{a \text{ min}}$	174 mm
$D_{b \text{ min}}$	187 mm
$d_1$	148,7 mm
$d_{a \text{ max}}$	129 mm
$d_{b \text{ min}}$	122 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	5,23 kg / Weight
C	315000 N

30222-A Bearing 2D drawings and 3D CAD models



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r	
$C_{0r}$	415000 N / Static load rating (radial)
e	0,42
Y	1,43
$Y_0$	0,79
$C_{ur}$	45500 N / Fatigue limit load, radial
$n_G$	3550 1/min / Limiting speed
$n_B$	2550 1/min / Reference speed