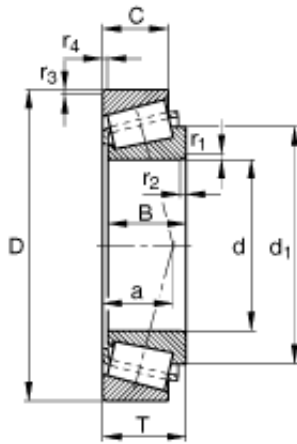




Fujian Zhenyuan Hydraulic Equipment C...



70 mm x 150 mm x 35 mm FAG 31314-A Tapered Roller Bearing Assemblies

Bearing No. 31314-A

Size	70x150x38 mm
Bore Diameter	70 mm
Outer Diameter	150 mm
Width	38 mm
d	70 mm
D	150 mm
T	38 mm
a	47 mm
B	35 mm
C	25 mm
$C_{a \min}$	5 mm
$C_{b \min}$	13 mm
$D_{a \max}$	138 mm
$D_{a \min}$	118 mm
$D_{b \min}$	141 mm
d_1	109 mm
$d_{a \max}$	84 mm
$d_{b \min}$	82 mm
$r_{1,2 \min}$	3 mm
$r_{3,4 \min}$	2,5 mm
$r_{a \max}$	3 mm
$r_{b \max}$	2,5 mm
m	2,9 kg / Weight
C	187000 N

31314-A Bearing 2D drawings and 3D CAD models



Fujian Zhenyuan Hydraulic Equipment C...

r	
C_{0r}	219000 N / Static load rating (radial)
e	0,83
Y	0,73
Y_0	0,4
C_{ur}	26000 N / Fatigue limit load, radial
n_G	4700 1/min / Limiting speed
n_B	3400 1/min / Reference speed