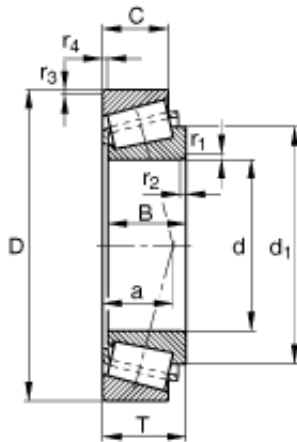




BEARING PRECISION AXLE CORP.



25 mm x 47 mm x 15 mm FAG 32005-X Tapered Roller Bearing Assemblies

Bearing No. 32005-X

Size	25x47x15 mm
Bore Diameter	25 mm
Outer Diameter	47 mm
Width	15 mm
d	25 mm
D	47 mm
T	15 mm
a	12 mm
B	15 mm
C	11,5 mm
$C_{a \text{ min}}$	3 mm
$C_{b \text{ min}}$	3,5 mm
$D_{a \text{ max}}$	42 mm
$D_{a \text{ min}}$	40 mm
$D_{b \text{ min}}$	44 mm
d_1	38 mm
$d_{a \text{ max}}$	30 mm
$d_{b \text{ min}}$	30 mm
$r_{1,2 \text{ min}}$	0,6 mm
$r_{3,4 \text{ min}}$	0,6 mm
$r_{a \text{ max}}$	0,6 mm
$r_{b \text{ max}}$	0,6 mm
m	0,12 kg / Weight
C	26500 N

32005-X Bearing 2D drawings and 3D CAD models



BEARING PRECISION AXLE CORP.

r	
C_{0r}	33500 N / Static load rating (radial)
e	0,43
Y	1,39
Y_0	0,77
C_{ur}	3600 N / Fatigue limit load, radial
n_G	15700 1/min / Limiting speed
n_B	9200 1/min / Reference speed