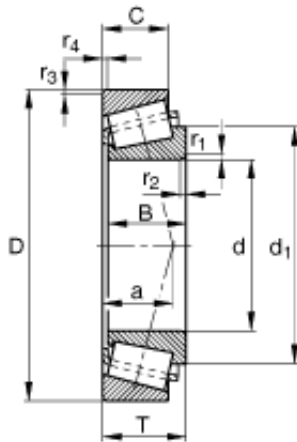




BEARING PRECISION AXLE CORP.



105 mm x 160 mm x 35 mm FAG 32021-X-XL tapered roller bearings

Bearing No. 32021-X-XL

32021-X-XL Bearing 2D drawings and 3D CAD models

Size	105x160x35 mm
Bore Diameter	105 mm
Outer Diameter	160 mm
Width	35 mm
d	105 mm
D	160 mm
T	35 mm
a	34,8 mm
B	35 mm
C	26 mm
$C_{a \text{ min}}$	6 mm
$C_{b \text{ min}}$	9 mm
$D_{a \text{ max}}$	150 mm
$D_{a \text{ min}}$	143 mm
$D_{b \text{ min}}$	154 mm
d_1	133,7 mm
$d_{a \text{ max}}$	116 mm
$d_{b \text{ min}}$	115 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	2,45 kg / Weight
C	238000 N



BEARING PRECISION AXLE CORP.

r	
C_{0r}	330000 N / Static load rating (radial)
e	0,44
Y	1,35
Y_0	0,74
C_{ur}	47000 N / Fatigue limit load, radial
n_G	4200 1/min / Limiting speed
n_B	2800 1/min / Reference speed