



Precision accessories MFG.CORP



45 mm x 80 mm x 26 mm FAG 33109 Tapered Roller Bearing Assemblies

Bearing No. 33109

Size	45x80x26 mm
Bore Diameter	45 mm
Outer Diameter	80 mm
Width	26 mm
d	45 mm
D	80 mm
T	26 mm
a	19 mm
B	26 mm
C	20,5 mm
$C_{a \text{ min}}$	4 mm
$C_{b \text{ min}}$	5,5 mm
$D_{a \text{ max}}$	73 mm
$D_{a \text{ min}}$	69 mm
$D_{b \text{ min}}$	77 mm
d_1	63,8 mm
$d_{a \text{ max}}$	52 mm
$d_{b \text{ min}}$	52 mm
$r_{1,2 \text{ min}}$	1,5 mm
$r_{3,4 \text{ min}}$	1,5 mm
$r_{a \text{ max}}$	1,5 mm
$r_{b \text{ max}}$	1,5 mm
m	0,597 kg / Weight
C	84000 N

33109 Bearing 2D drawings and 3D CAD models



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r	
C_{0r}	115000 N / Static load rating (radial)
e	0,38
Y	1,57
Y_0	0,86
C_{ur}	14400 N / Fatigue limit load, radial
n_G	8800 1/min / Limiting speed
n_B	5000 1/min / Reference speed