



BEARING PRECISION AXLE CORP.



45 mm x 85 mm x 19 mm FAG 30209-A tapered roller bearings

Bearing No. 30209-A

30209-A Bearing 2D drawings and 3D CAD models

Size	45x85x20.75 mm
Bore Diameter	45 mm
Outer Diameter	85 mm
Width	20,75 mm
d	45 mm
D	85 mm
T	20,75 mm
a	18 mm
B	19 mm
C	16 mm
$C_{a \text{ min}}$	3 mm
$C_{b \text{ min}}$	4,5 mm
$D_{a \text{ max}}$	78 mm
$D_{a \text{ min}}$	74 mm
$D_{b \text{ min}}$	80 mm
d_1	64 mm
$d_{a \text{ max}}$	54 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	0,47 kg / Weight
C	70000 N



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r	
C_{0r}	82000 N / Static load rating (radial)
e	0,4
Y	1,48
Y_0	0,81
C_{ur}	9600 N / Fatigue limit load, radial
n_G	8800 1/min / Limiting speed
n_B	5400 1/min / Reference speed