



AD Bearing Machine Co., Ltd



45 mm x 85 mm x 19 mm FAG 30209-XL FAG Bearing

Bearing No. 30209-XL

30209-XL 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	18,4 mm
B	19 mm
C	16 mm
C _{a min}	3 mm
C _{b min}	4,5 mm
D _{a max}	78 mm
D _{a min}	74 mm
D _{b min}	80 mm
d ₁	64,8 mm
d _{a max}	54 mm
d _{b min}	52 mm
r _{1, 2 min}	1,5 mm
r _{3, 4 min}	1,5 mm
r _{a max}	1,5 mm
r _{b max}	1,5 mm
m	0,486 kg / Weight
C	84000 N



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r	
C_{0r}	83000 N / Static load rating (radial)
e	0,4
Y	1,48
Y_0	0,81
C_{ur}	12100 N / Fatigue limit load, radial
n_G	8800 1/min / Limiting speed
n_B	5400 1/min / Reference speed