



COOPER BEARING LIMITED



45 mm x 75 mm x 24 mm FAG 33009 Roller Bearings

Bearing No. 33009

Size	45x75x24 mm
Bore Diameter	45 mm
Outer Diameter	75 mm
Width	24 mm
d	45 mm
D	75 mm
T	24 mm
a	16 mm
B	24 mm
C	19 mm
$C_{a \text{ min}}$	4 mm
$C_{b \text{ min}}$	5 mm
$D_{a \text{ max}}$	69 mm
$D_{a \text{ min}}$	67 mm
$D_{b \text{ min}}$	71 mm
d_1	61,8 mm
$d_{a \text{ max}}$	51 mm
$d_{b \text{ min}}$	51 mm
$r_{1,2 \text{ min}}$	1 mm
$r_{3,4 \text{ min}}$	1 mm
$r_{a \text{ max}}$	1 mm
$r_{b \text{ max}}$	1 mm
m	0,432 kg / Weight
C	71000 N

33009 Bearing 2D drawings and 3D CAD models



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r	
C_{0r}	103000 N / Static load rating (radial)
e	0,29
Y	2,04
Y_0	1,12
C_{ur}	12700 N / Fatigue limit load, radial
n_G	9400 1/min / Limiting speed
n_B	5900 1/min / Reference speed