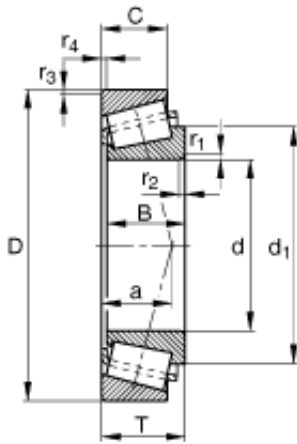




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FAG 33209 Tapered Roller Bearing Assemblies

Bearing No. 33209



33209 Bearing 2D drawings and 3D CAD models

Size	45x85x32 mm
Bore Diameter	45 mm
Outer Diameter	85 mm
Width	32 mm
d	45 mm
D	85 mm
T	32 mm
a	22 mm
B	32 mm
C	25 mm
$C_{a \text{ min}}$	5 mm
$C_{b \text{ min}}$	7 mm
$D_{a \text{ max}}$	78 mm
$D_{a \text{ min}}$	72 mm
$D_{b \text{ min}}$	81 mm
d_1	66,2 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	0,895 kg / Weight
C_r	107000 N



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C_{0r}	146000 N / Static load rating (radial)
e	0,39
Y	1,56
Y_0	0,86
C_{ur}	18300 N / Fatigue limit load, radial
n_G	8200 1/min / Limiting speed
n_B	5200 1/min / Reference speed