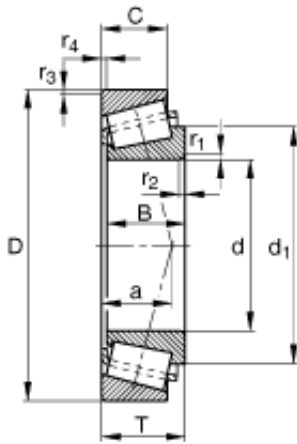




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FAG 33205 Tapered Roller Bearing Assemblies

Bearing No. 33205



33205 Bearing 2D drawings and 3D CAD models

Size	25x52x22 mm
Bore Diameter	25 mm
Outer Diameter	52 mm
Width	22 mm
d	25 mm
D	52 mm
T	22 mm
a	14 mm
B	22 mm
C	18 mm
$C_{a \text{ min}}$	4 mm
$C_{b \text{ min}}$	4 mm
$D_{a \text{ max}}$	46 mm
$D_{a \text{ min}}$	43 mm
$D_{b \text{ min}}$	49 mm
d_1	39,6 mm
$d_{a \text{ max}}$	30 mm
$d_{b \text{ min}}$	31 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	0,214 kg / Weight
C_r	48500 N



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C_{0r}	58000 N / Static load rating (radial)
e	0,35
Y	1,71
Y_0	0,94
C_{ur}	6900 N / Fatigue limit load, radial
n_G	14200 1/min / Limiting speed
n_B	8200 1/min / Reference speed