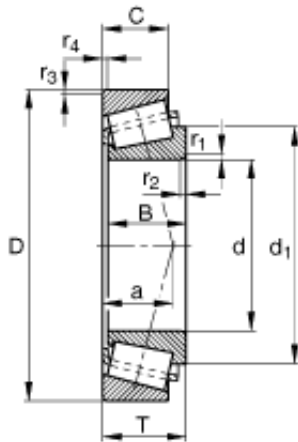




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FAG 30305-A Tapered Roller Bearings



Bearing No. 30305-A

Size	25x62x18.25 mm
Bore Diameter	25 mm
Outer Diameter	62 mm
Width	18,25 mm
d	25 mm
D	62 mm
T	18,25 mm
a	13 mm
B	17 mm
C	15 mm
$C_{a \text{ min}}$	2 mm
$C_{b \text{ min}}$	3 mm
$D_{a \text{ max}}$	55 mm
$D_{a \text{ min}}$	54 mm
$D_{b \text{ min}}$	57 mm
d_1	42,3 mm
$d_{a \text{ max}}$	34 mm
$d_{b \text{ min}}$	32 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	0,267 kg / Weight
C_r	47000 N

30305-A Bearing 2D drawings and 3D CAD models



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C_{0r}	45500 N / Static load rating (radial)
e	0,3
Y	2
Y_0	1,1
C_{ur}	5100 N / Fatigue limit load, radial
n_G	12800 1/min / Limiting speed
n_B	8200 1/min / Reference speed