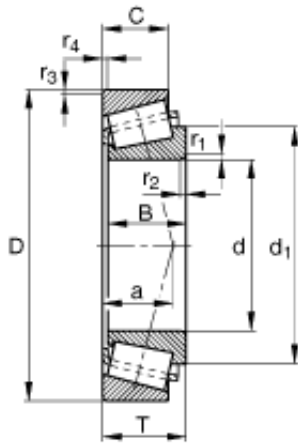




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FAG 32303-A Tapered Roller Bearings



Bearing No. 32303-A

Size	17x47x20.25 mm
Bore Diameter	17 mm
Outer Diameter	47 mm
Width	20,25 mm
d	17 mm
D	47 mm
T	20,25 mm
a	12 mm
B	19 mm
C	16 mm
$C_{a \text{ min}}$	3 mm
$C_{b \text{ min}}$	4 mm
$D_{a \text{ max}}$	41 mm
$D_{a \text{ min}}$	39 mm
$D_{b \text{ min}}$	43 mm
d_1	31,5 mm
$d_{a \text{ max}}$	24 mm
$d_{b \text{ min}}$	23 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	0,18 kg / Weight
C_r	36500 N

32303-A Bearing 2D drawings and 3D CAD models



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C_{0r}	36000 N / Static load rating (radial)
e	0,29
Y	2,11
Y_0	1,16
C_{ur}	4050 N / Fatigue limit load, radial
n_G	17200 1/min / Limiting speed
n_B	10400 1/min / Reference speed