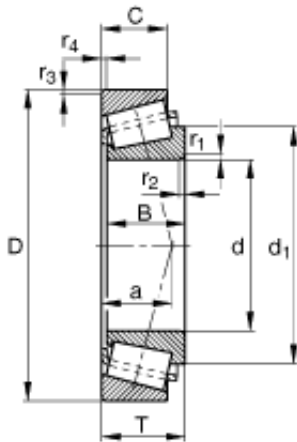




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FAG 33112 Tapered Roller Bearing Assemblies

Bearing No. 33112



33112 Bearing 2D drawings and 3D CAD models

Size	60x100x30 mm
Bore Diameter	60 mm
Outer Diameter	100 mm
Width	30 mm
d	60 mm
D	100 mm
T	30 mm
a	23 mm
B	30 mm
C	23 mm
$C_{a \text{ min}}$	5 mm
$C_{b \text{ min}}$	7 mm
$D_{a \text{ max}}$	93 mm
$D_{a \text{ min}}$	88 mm
$D_{b \text{ min}}$	96 mm
d_1	81,3 mm
$d_{a \text{ max}}$	67 mm
$d_{b \text{ min}}$	67 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	1,01 kg / Weight
C_r	116000 N



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C_{0r}	171000 N / Static load rating (radial)
e	0,4
Y	1,51
Y_0	0,83
C_{ur}	21500 N / Fatigue limit load, radial
n_G	6900 1/min / Limiting speed
n_B	4000 1/min / Reference speed