



ROULEMENTS?BEARINGS?Limited



FAG 30224-A tapered roller bearings

Bearing No. 30224-A

Size	120x215x43.5 mm
Bore Diameter	120 mm
Outer Diameter	215 mm
Width	43,5 mm
d	120 mm
D	215 mm
T	43,5 mm
a	44 mm
B	40 mm
C	34 mm
$C_{a \text{ min}}$	6 mm
$C_{b \text{ min}}$	9,5 mm
$D_{a \text{ max}}$	203 mm
$D_{a \text{ min}}$	187 mm
$D_{b \text{ min}}$	201 mm
d_1	163 mm
$d_{a \text{ max}}$	140 mm
$d_{b \text{ min}}$	132 mm
$r_{1, 2 \text{ min}}$	3 mm
$r_{3, 4 \text{ min}}$	2,5 mm
$r_{a \text{ max}}$	3 mm
$r_{b \text{ max}}$	2,5 mm
m	6,25 kg / Weight
C_r	330000 N

30224-A Bearing 2D drawings and 3D CAD models



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C_{0r}	445000 N / Static load rating (radial)
e	0,44
Y	1,38
Y_0	0,76
C_{ur}	56000 N / Fatigue limit load, radial
n_G	3300 1/min / Limiting speed
n_B	2460 1/min / Reference speed