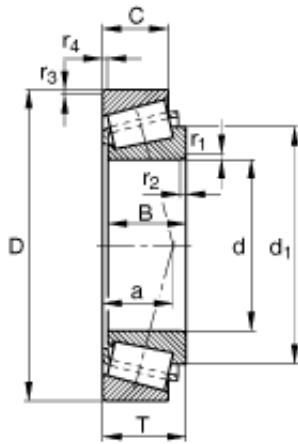




# TRANSMISSIONS?BEARINGS EUROPE



## FAG 32014-X tapered roller bearings

Bearing No. 32014-X

Size	70x110x25 mm
Bore Diameter	70 mm
Outer Diameter	110 mm
Width	25 mm
d	70 mm
D	110 mm
T	25 mm
a	24 mm
B	25 mm
C	19 mm
$C_{a \text{ min}}$	5 mm
$C_{b \text{ min}}$	6 mm
$D_{a \text{ max}}$	103 mm
$D_{a \text{ min}}$	98 mm
$D_{b \text{ min}}$	105 mm
$d_1$	92 mm
$d_{a \text{ max}}$	78 mm
$d_{b \text{ min}}$	77 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	0,967 kg / Weight
$C_r$	104000 N

32014-X Bearing 2D drawings and 3D CAD models



## TRANSMISSIONS? BEARINGS EUROPE

$C_{0r}$	159000 N / Static load rating (radial)
e	0,43
Y	1,38
$Y_0$	0,76
$C_{ur}$	20100 N / Fatigue limit load, radial
$n_G$	6300 1/min / Limiting speed
$n_B$	3800 1/min / Reference speed