

# T2EE100 FAG 100x165x47mm C 39 mm Tapered roller bearings

Bearing number	T2EE100
Size (mm)	100x165x47
Brand	FAG
Bore Diameter (mm)	100
Outer Diameter (mm)	165
Width (mm)	47
d	100 mm
D	165 mm
T	47 mm
a	35.6 mm
B	46 mm
C	39 mm
$C_{a \min}$	8 mm
$C_{b \min}$	8 mm
$D_{a \min}$	145 mm
$D_{b \min}$	157 mm
$d_1$	131.3 mm
$d_{a \max}$	112 mm
$d_{b \min}$	116 mm
$r_{1, 2 \min}$	3 mm
$r_{3, 4 \min}$	3 mm
$r_{a \max}$	3 mm
$r_{b \max}$	3 mm

m	4.25 kg / Weight
$C_r$	300000 N / Dynamic load rating (radial)
$C_{0r}$	470000 N
e	0.32
Y	1.88
$Y_0$	1.04
$C_{ur}$	56000 N / Fatigue limit load. radial
$n_G$	4100 1/min / Limiting speed
$n_B$	2600 1/min / Reference speed