

# T2ED080 FAG nG 4750 1/min / Limiting speed 80x145x46mm Tapered roller bearings

Bearing number	T2ED080
Size (mm)	80x145x46
Brand	FAG
Bore Diameter (mm)	80
Outer Diameter (mm)	145
Width (mm)	46
d	80 mm
D	145 mm
T	46 mm
a	32.6 mm
B	45 mm
C	38 mm
$C_{a \min}$	7 mm
$C_{b \min}$	8 mm
$D_{a \min}$	125 mm
$D_{b \min}$	137 mm
$d_1$	110.3 mm
$d_{a \max}$	92 mm
$d_{b \min}$	95 mm
$r_{1, 2 \min}$	3 mm
$r_{3, 4 \min}$	2.5 mm
$r_{a \max}$	3 mm

$r_{b \max}$	2.5 mm
m	3.26 kg / Weight
$C_r$	265000 N / Dynamic load rating (radial)
$C_{0r}$	370000 N
e	0.32
$\gamma$	1.88
$\gamma_0$	1.03
$C_{ur}$	45500 N / Fatigue limit load. radial
$n_G$	4750 1/min / Limiting speed
$n_B$	3200 1/min / Reference speed