



TRANSMISSIONS?BEARINGS EUROPE



FAG T5ED100 tapered roller bearings

Bearing No. T5ED100

Size	100x160x42 mm
Bore Diameter	100 mm
Outer Diameter	160 mm
Width	42 mm
d	100 mm
D	160 mm
T	42 mm
a	42 mm
B	40 mm
C	34 mm
$C_{a \text{ min}}$	6 mm
$C_{b \text{ min}}$	8 mm
$D_{a \text{ max}}$	146 mm
$D_{a \text{ min}}$	135 mm
$D_{b \text{ min}}$	154 mm
d_1	133,8 mm
$d_{a \text{ max}}$	110 mm
$d_{b \text{ min}}$	117 mm
$r_{1, 2 \text{ min}}$	5 mm
$r_{3, 4 \text{ min}}$	3 mm
$r_{a \text{ max}}$	5 mm
$r_{b \text{ max}}$	3 mm
m	3,25 kg / Weight
C_r	231000 N

T5ED100 Bearing 2D drawings and 3D CAD models



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C_{0r}	395000 N / Static load rating (radial)
e	0,53
Y	1,14
Y_0	0,63
C_{ur}	47000 N / Fatigue limit load, radial
n_G	4100 1/min / Limiting speed
n_B	2600 1/min / Reference speed