

T4CB120-XL FAG C0r 238000 N / Static load rating (radial) 120x170x27mm Tapered roller bearings

Bearing number	T4CB120-XL
Size (mm)	120x170x27
Brand	FAG
Bore Diameter (mm)	120
Outer Diameter (mm)	170
Width (mm)	27
d	120 mm
D	170 mm
T	27 mm
a	34.9 mm
B	25 mm
C	19.5 mm
$C_{a \min}$	5 mm
$C_{b \min}$	7.5 mm
$D_{a \max}$	157 mm
$D_{a \min}$	157 mm
$D_{b \min}$	164 mm
d_1	144.6 mm
$d_{a \max}$	130 mm
$d_{b \min}$	132 mm
$r_{1, 2 \min}$	3 mm

$r_{3, 4 \text{ min}}$	3 mm
$r_{a \text{ max}}$	3 mm
$r_{b \text{ max}}$	3 mm
m	1.74 kg / Weight
C_r	181000 N
C_{0r}	238000 N / Static load rating (radial)
e	0.47
γ	1.27
γ_0	0.7
C_{ur}	33000 N / Fatigue limit load. radial
n_G	4000 1/min / Limiting speed
n_B	2420 1/min / Reference speed