

# 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
$Y$	1.27
$Y_0$	0.7
$C_{ur}$	33000 N / Fatigue limit load. radial
$n_G$	4000 1/min / Limiting speed
$n_B$	2420 1/min / Reference speed