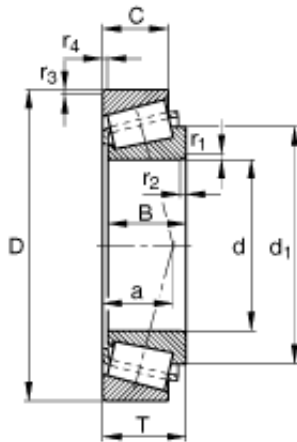




TRANSMISSIONS?BEARINGS EUROPE



FAG 32220-XL tapered roller bearings

Bearing No. 32220-XL

Size	100x180x49 mm
Bore Diameter	100 mm
Outer Diameter	180 mm
Width	49 mm
d	100 mm
D	180 mm
T	49 mm
a	41,8 mm
B	46 mm
C	39 mm
$C_{a \text{ min}}$	5 mm
$C_{b \text{ min}}$	10 mm
$D_{a \text{ max}}$	168 mm
$D_{a \text{ min}}$	154 mm
$D_{b \text{ min}}$	171 mm
d_1	136,5 mm
$d_{a \text{ max}}$	114 mm
$d_{b \text{ min}}$	112 mm
$r_{1, 2 \text{ min}}$	3 mm
$r_{3, 4 \text{ min}}$	2,5 mm
$r_{a \text{ max}}$	3 mm
$r_{b \text{ max}}$	2,5 mm
m	5,21 kg / Weight
C_r	400000 N

32220-XL Bearing 2D drawings and 3D CAD models



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C_{0r}	475000 N / Static load rating (radial)
e	0,42
Y	1,43
Y_0	0,79
C_{ur}	68000 N / Fatigue limit load, radial
n_G	3850 1/min / Limiting speed
n_B	2600 1/min / Reference speed