

FAG

## ★ NUP2310-E-XL-TVP2

Cylindrical roller bearing

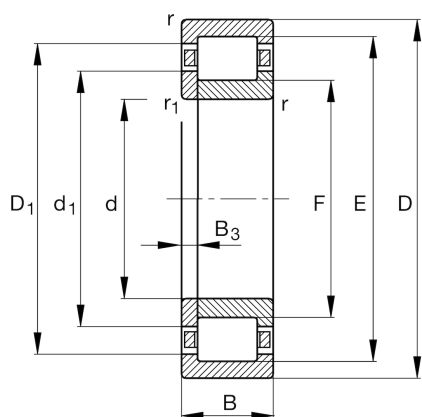
Schaeffler ID:  
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★ Preferred product

Cylindrical roller bearing NUP.-E-XL-TVP2, with cage, single row, locating bearing, 2 ribs on outer ring, 1 rib on inner ring, rib washer internal, type NUP

X-life

## Technical information



## Main Dimensions &amp; Performance Data

d	50 mm	Bore diameter
D	110 mm	Outside diameter
B	40 mm	Width
$C_r$	193 000 N	Basic dynamic load rating, radial
$C_{0r}$	187 000 N	Basic static load rating, radial
$C_{ur}$	35 500 N	Fatigue load limit, radial
$n_G$	7 800 1/min	Limiting speed
$n_{gr}$	4 900 1/min	Reference speed
	1,79 kg	Weight

## Dimensions

$r_{min}$	2 mm	Minimum chamfer dimension
$r_{1 min}$	2 mm	Minimum chamfer dimension
E	97 mm	Raceway diameter outer ring
F	65 mm	Raceway diameter inner ring
$B_3$	6,5 mm	Width of loose rib

## Mounting dimensions

$d_1$	71,3 mm	Maximum rib diameter inner ring
$D_{1 min}$	92,5 mm	Minimum rib diameter outer ring
$d_{a min}$	61 mm	Minimum diameter shaft shoulder
$d_{c min}$	73 mm	Minimum shaft shoulder
$D_{a max}$	99 mm	Maximum diameter of housing shoulder
$r_{a max}$	2 mm	Maximum recess radius

## Temperature range

$T_{min}$	-30 °C	Operating temperature min.
$T_{max}$	120 °C	Operating temperature max.

