

FAG

## NUP224-E-XL-TVP2

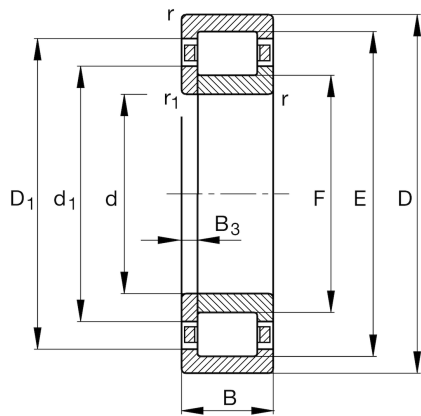
Cylindrical roller bearing

Schaeffler ID:  
0167411700000

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	120 mm	Bore diameter
D	215 mm	Outside diameter
B	40 mm	Width
$C_r$	390.000 N	Basic dynamic load rating, radial
$C_{0r}$	415.000 N	Basic static load rating, radial
$C_{ur}$	69.000 N	Fatigue load limit, radial
$n_G$	4.350 1/min	Limiting speed
$n_{gr}$	3.050 1/min	Reference speed
	5,83 kg	Weight

## Dimensions

$d_1$	153,2 mm	Maximum rib diameter inner ring
$r_{min}$	2,1 mm	Minimum chamfer dimension
$D_{1min}$	187,8 mm	Minimum rib diameter outer ring
$r_{1min}$	2,1 mm	Minimum chamfer dimension
$d_{amin}$	132 mm	Minimum diameter shaft shoulder
E	195,5 mm	Raceway diameter outer ring
$d_{cmin}$	156 mm	Minimum shaft shoulder
F	143,5 mm	Raceway diameter inner ring
$D_{amax}$	203 mm	Maximum diameter of housing shoulder
$B_3$	6 mm	Width of loose rib
$r_{amax}$	2,1 mm	Maximum recess radius

## Temperature range

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

