



FAG

## ★ NU316-E-XL-TVP2

Cylindrical roller bearing

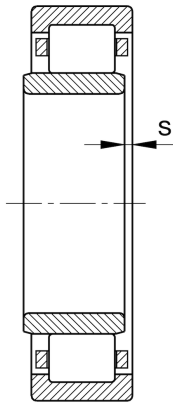
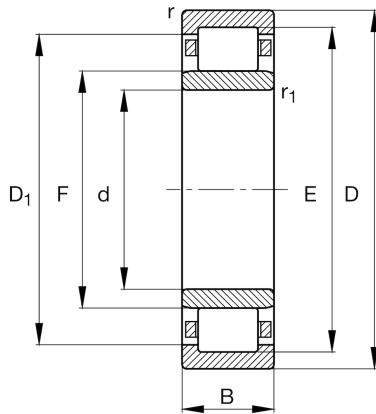
Schaeffler ID:  
0167401650000

★ Preferred product

Cylindrical roller bearing NU...-E-XL-TVP2,  
with cage, single row, non-locating bearing,  
2 ribs on outer ring, 0 ribs on inner ring  
(smooth), type NU

X-life

## Technical information



## Temperature range

$T_{min}$	-30 °C	Operating temperature min.
$T_{max}$	120 °C	Operating temperature max.
	3,812 kg	Weight

## Main Dimensions &amp; Performance Data

d	80 mm	Bore diameter
D	170 mm	Outside diameter
B	39 mm	Width
$C_r$	300.000 N	Basic dynamic load rating, radial
$C_{0r}$	275.000 N	Basic static load rating, radial
$C_{ur}$	37.500 N	Fatigue load limit, radial
$n_G$	4.800 1/min	Limiting speed
$n_{gr}$	4.100 1/min	Reference speed

## Dimensions

$r_{min}$	2,1 mm	Minimum chamfer dimension
$r_{1min}$	2,1 mm	Minimum chamfer dimension
s	0,7 mm	Axial displacement
E	151 mm	Raceway diameter outer ring
F	101 mm	Raceway diameter inner ring
$D_{1min}$	143,9 mm	Minimum rib diameter outer ring

## Mounting dimensions

$d_{amin}$	92 mm	Minimum diameter shaft shoulder
$d_{amax}$	99 mm	Maximum diameter of shaft shoulder
$d_{bmin}$	105 mm	Minimum shaft shoulder
$D_{amax}$	158 mm	Maximum diameter of housing shoulder
$r_{amax}$	2,1 mm	Maximum recess radius
$r_{a1max}$	2,1 mm	Maximum recess radius

