

FAG

## ★ NU303-E-XL-TVP2

Cylindrical roller bearing

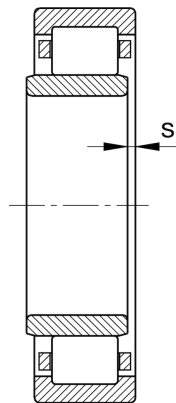
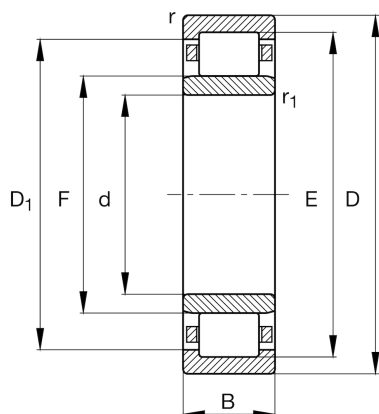
Schaeffler ID:  
0190049230000

★ 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.
	0,122 kg	Weight

## Main Dimensions &amp; Performance Data

d	17 mm	Bore diameter
D	47 mm	Outside diameter
B	14 mm	Width
$C_r$	30.000 N	Basic dynamic load rating, radial
$C_{0r}$	21.200 N	Basic static load rating, radial
$C_{ur}$	2.700 N	Fatigue load limit, radial
$n_G$	19.600 1/min	Limiting speed
$n_{gr}$	13.500 1/min	Reference speed

## Dimensions

$r_{min}$	1 mm	Minimum chamfer dimension
$r_{1min}$	0,6 mm	Minimum chamfer dimension
s	1,2 mm	Axial displacement
E	40,2 mm	Raceway diameter outer ring
F	24,2 mm	Raceway diameter inner ring
$D_{1min}$	37,1 mm	Minimum rib diameter outer ring

## Mounting dimensions

$d_{amin}$	21,2 mm	Minimum diameter shaft shoulder
$d_{amax}$	23,5 mm	Maximum diameter of shaft shoulder
$d_{bmin}$	25 mm	Minimum shaft shoulder
$D_{amax}$	42,8 mm	Maximum diameter of housing shoulder
$r_{amax}$	1 mm	Maximum recess radius
$r_{a1max}$	0,6 mm	Maximum recess radius

