



FAG

## NU2203-E-XL-TVP2

Cylindrical roller bearing

Schaeffler ID:  
0167381010000Cylindrical 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



## Main Dimensions &amp; Performance Data

d	17 mm	Bore diameter
D	40 mm	Outside diameter
B	16 mm	Width
$C_r$	28,500 N	Basic dynamic load rating, radial
$C_{0r}$	21,900 N	Basic static load rating, radial
$C_{ur}$	3,550 N	Fatigue load limit, radial
$n_G$	26,500 1/min	Limiting speed
$n_{gr}$	13,200 1/min	Reference speed
	51.4 g	Weight

## Dimensions

$r_{min}$	0.6 mm	Minimum chamfer dimension
$r_{1 min}$	0.3 mm	Minimum chamfer dimension
s	1.7 mm	Axial displacement
E	35.1 mm	Raceway diameter outer ring
F	22.1 mm	Raceway diameter inner ring
$D_{1 min}$	32.5 mm	Minimum rib diameter outer ring

## Mounting dimensions

$d_{a min}$	21 mm	Minimum diameter shaft shoulder
$d_{a max}$	21.5 mm	Maximum diameter of shaft shoulder
$d_{b min}$	23 mm	Minimum shaft shoulder
$D_{a max}$	36 mm	Maximum diameter of housing shoulder
$r_{a max}$	0.6 mm	Maximum recess radius
$r_{a1 max}$	0.3 mm	Maximum recess radius

## Temperature range

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

