



FAG

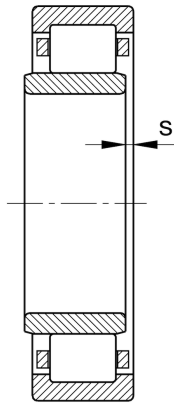
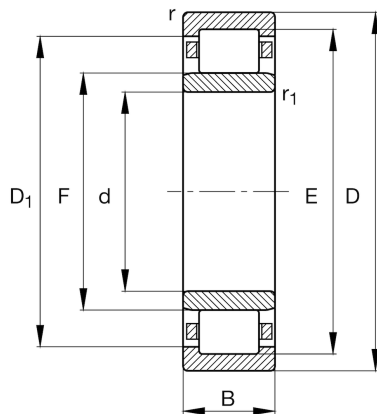
## NU312-E-XL-TVP2

Cylindrical roller bearing

Schaeffler ID:  
0167399900000Cylindrical 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



#### Dimensions

$r_{\min}$	2,1 mm	Minimum chamfer dimension
$r_{1\min}$	2,1 mm	Minimum chamfer dimension
s	1,8 mm	Axial displacement
E	115 mm	Raceway diameter outer ring
F	77 mm	Raceway diameter inner ring
$D_{1\min}$	109,6 mm	Minimum rib diameter outer ring
	1,769 kg	Weight

#### Main Dimensions & Performance Data

d	60 mm	Bore diameter
D	130 mm	Outside diameter
B	31 mm	Width
$C_r$	177.000 N	Basic dynamic load rating, radial
$C_{0r}$	157.000 N	Basic static load rating, radial
$C_{ur}$	21.900 N	Fatigue load limit, radial
$n_G$	7.400 1/min	Limiting speed
$n_{gr}$	5.200 1/min	Reference speed

#### Mounting dimensions

$d_{a\min}$	72 mm	Minimum diameter shaft shoulder
$d_{a\max}$	75 mm	Maximum diameter of shaft shoulder
$d_{b\min}$	79 mm	Minimum shaft shoulder
$D_{a\max}$	118 mm	Maximum diameter of housing shoulder
$r_{a\max}$	2,1 mm	Maximum recess radius
$r_{a1\max}$	2,1 mm	Maximum recess radius

#### Temperature range

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

