



FAG

★ NU202-E-XL-TVP2

Cylindrical roller bearing

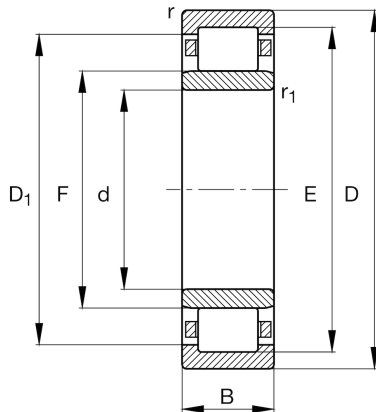
Schaeffler ID:
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★ Preferred product

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



Main Dimensions & Performance Data

d	15 mm	Bore diameter
D	35 mm	Outside diameter
B	11 mm	Width
C_r	15.100 N	Basic dynamic load rating, radial
C_{0r}	10.400 N	Basic static load rating, radial
C_{ur}	1.440 N	Fatigue load limit, radial
n_G	27.000 1/min	Limiting speed
n_{gr}	17.900 1/min	Reference speed
	0,047 kg	Weight

Dimensions

r_{min}	0,6 mm	Minimum chamfer dimension
$r_{1 min}$	0,3 mm	Minimum chamfer dimension
s	1,6 mm	Axial displacement
E	30,3 mm	Raceway diameter outer ring
F	19,3 mm	Raceway diameter inner ring
$D_{1 min}$	28 mm	Minimum rib diameter outer ring

Mounting dimensions

$d_{a min}$	17,4 mm	Minimum diameter shaft shoulder
$d_{a max}$	18,5 mm	Maximum diameter of shaft shoulder
$d_{b min}$	20 mm	Minimum shaft shoulder
$D_{a max}$	32,6 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.

