

FAG

★ NUP309-E-XL-TVP2

Cylindrical roller bearing

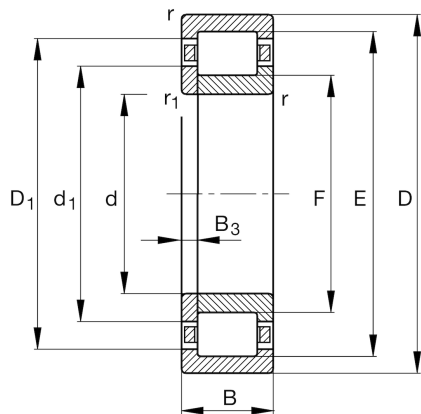
Schaeffler ID:
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★ Preferred product

Cylindrical roller bearing NUP.-E-XL-TVP2, with cage, single row, locating bearing, 2 ribs on outer ring, 1 rib on inner ring, rib washer internal, type NUP

X-life

Technical information



Temperature range

T_{\min}	-30 °C	Operating temperature min.
T_{\max}	120 °C	Operating temperature max.
	0,93 kg	Weight

Main Dimensions & Performance Data

d	45 mm	Bore diameter
D	100 mm	Outside diameter
B	25 mm	Width
C_r	116.000 N	Basic dynamic load rating, radial
C_{0r}	99.000 N	Basic static load rating, radial
C_{ur}	17.600 N	Fatigue load limit, radial
n_G	8.500 1/min	Limiting speed
n_{gr}	6.400 1/min	Reference speed

Dimensions

r_{\min}	1,5 mm	Minimum chamfer dimension
$r_{1\min}$	1,5 mm	Minimum chamfer dimension
E	88,5 mm	Raceway diameter outer ring
F	58,5 mm	Raceway diameter inner ring
B_3	4,5 mm	Width of loose rib

Mounting dimensions

d_1	64,4 mm	Maximum rib diameter inner ring
$D_{1\min}$	84,1 mm	Minimum rib diameter outer ring
$d_{a\min}$	54 mm	Minimum diameter shaft shoulder
$d_{c\min}$	66 mm	Minimum shaft shoulder
$D_{a\max}$	91 mm	Maximum diameter of housing shoulder
$r_{a\max}$	1,5 mm	Maximum recess radius

