

FAG

NUP305-E-XL-TVP2

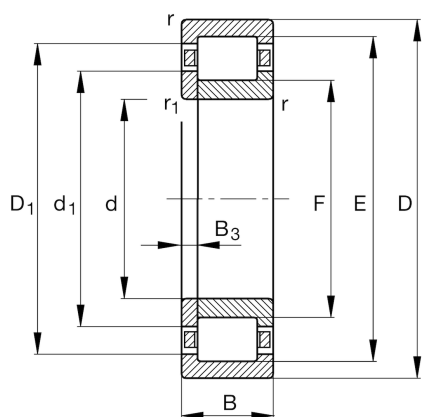
Cylindrical roller bearing

Schaeffler ID:
0167414550000

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



Dimensions

r_{\min}	1,1 mm	Minimum chamfer dimension
$r_{1\min}$	1,1 mm	Minimum chamfer dimension
E	54 mm	Raceway diameter outer ring
F	34 mm	Raceway diameter inner ring
B_3	3 mm	Width of loose rib
	0,245 kg	Weight

Main Dimensions & Performance Data

d	25 mm	Bore diameter
D	62 mm	Outside diameter
B	17 mm	Width
C_r	49.000 N	Basic dynamic load rating, radial
C_{0r}	37.500 N	Basic static load rating, radial
C_{ur}	5.700 N	Fatigue load limit, radial
n_G	14.400 1/min	Limiting speed
n_{gr}	10.100 1/min	Reference speed

Mounting dimensions

d_1	38,1 mm	Maximum rib diameter inner ring
$D_{1\min}$	50,7 mm	Minimum rib diameter outer ring
$d_{a\min}$	32 mm	Minimum diameter shaft shoulder
$d_{c\min}$	40 mm	Minimum shaft shoulder
$D_{a\max}$	55 mm	Maximum diameter of housing shoulder
$r_{a\max}$	1 mm	Maximum recess radius

Temperature range

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

