



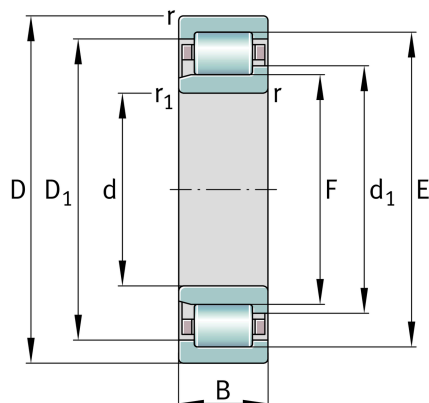
FAG

NJ205-E-XL-TVP2

Cylindrical roller bearing

Schaeffler ID:
0167342970000Cylindrical roller bearing NJ..-E-XL-TVP2,
with cage, single row, semi-locating
bearing, 2 ribs on outer ring, 1 rib on inner
ring, type NJ

Technické informace

**Main Dimensions & Performance Data**

d	25 mm	Bore diameter
D	52 mm	Outside diameter
B	15 mm	Width
C_r	34 500 N	Basic dynamic load rating, radial
C_{0r}	27 500 N	Basic static load rating, radial
C_{ur}	4 450 N	Fatigue load limit, radial
n_G	19 800 1/min	Limiting speed
n_{gr}	11 600 1/min	Reference speed
	0,136 kg	Hmotnost

Dimensions

r_{min}	1 mm	Minimum chamfer dimension
$r_{1 min}$	0,6 mm	Minimum chamfer dimension
s	1,2 mm	Axial displacement
E	46,5 mm	Raceway diameter outer ring
F	31,5 mm	Raceway diameter inner ring
$D_{1 min}$	43,8 mm	Minimum rib diameter outer ring
d_1	34,7 mm	Maximum rib diameter inner ring

Mounting dimensions

$d_{a min}$	29 mm	Minimum diameter shaft shoulder
$d_{a max}$	31 mm	Maximum diameter of shaft shoulder
$D_{a max}$	46 mm	Maximum diameter of housing shoulder
$d_{c min}$	37 mm	Minimum shaft 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.