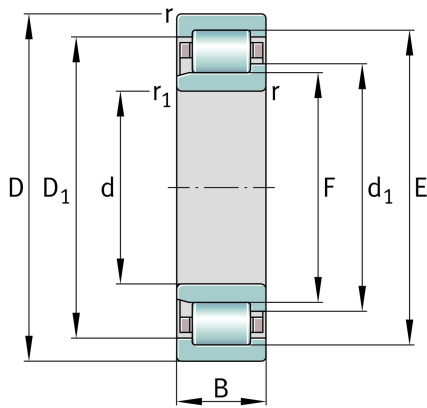


**FAG****NJ203-E-XL-TVP2**

Cylindrical roller bearing

Schaeffler ID:
0167342700000Cylindrical 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

Technical information

**Main Dimensions & Performance Data**

d	17 mm	Bore diameter
D	40 mm	Outside diameter
B	12 mm	Width
C_r	20.800 N	Basic dynamic load rating, radial
C_{0r}	14.600 N	Basic static load rating, radial
C_{ur}	2.220 N	Fatigue load limit, radial
n_G	22.900 1/min	Limiting speed
n_{gr}	15.300 1/min	Reference speed
	0,072 kg	Weight

Dimensions

r_{min}	0,6 mm	Minimum chamfer dimension
$r_{1 min}$	0,3 mm	Minimum chamfer dimension
s	1,2 mm	Axial displacement
E	35,1 mm	Raceway diameter outer ring
F	22,1 mm	Raceway diameter inner ring
$D_{1 min}$	32,5 mm	Minimum rib diameter outer ring
d_1	24,7 mm	Maximum rib diameter inner ring

Mounting dimensions

$d_{a min}$	21 mm	Minimum diameter shaft shoulder
$d_{a max}$	21,5 mm	Maximum diameter of shaft shoulder
$D_{a max}$	36 mm	Maximum diameter of housing shoulder
$d_{c min}$	28 mm	Minimum shaft shoulder
$r_{a max}$	0,6 mm	Maximum recess radius

Temperature range

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