



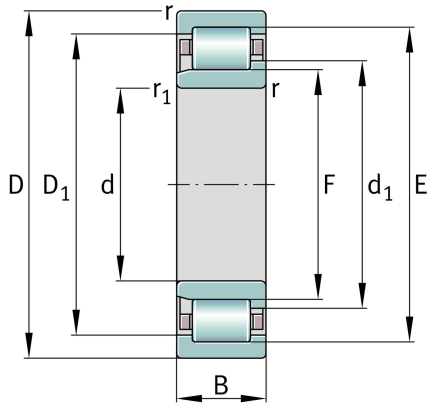
FAG

NJ208-E-XL-TVP2

Cylindrical roller bearing

Schaeffler ID:
0167343600000Cylindrical 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	40 mm	Bore diameter
D	80 mm	Outside diameter
B	18 mm	Width
C_r	63,000 N	Basic dynamic load rating, radial
C_{0r}	53,000 N	Basic static load rating, radial
C_{ur}	8,500 N	Fatigue load limit, radial
n_G	12,500 1/min	Limiting speed
n_{gr}	7,500 1/min	Reference speed
	0.378 kg	Weight

Dimensions

r_{min}	1.1 mm	Minimum chamfer dimension
r_{1min}	1.1 mm	Minimum chamfer dimension
s	1 mm	Axial displacement
E	71.5 mm	Raceway diameter outer ring
F	49.5 mm	Raceway diameter inner ring
D_{1min}	68.3 mm	Minimum rib diameter outer ring
d_1	54 mm	Maximum rib diameter inner ring

Mounting dimensions

d_{amin}	47 mm	Minimum diameter shaft shoulder
d_{amax}	49 mm	Maximum diameter of shaft shoulder
D_{amax}	73 mm	Maximum diameter of housing shoulder
d_{cmin}	56 mm	Minimum shaft shoulder
r_{amax}	1 mm	Maximum recess radius

Additional information

HJ208-E	L-washer
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Temperature range

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