



FAG

★ NJ208-E-XL-TVP2

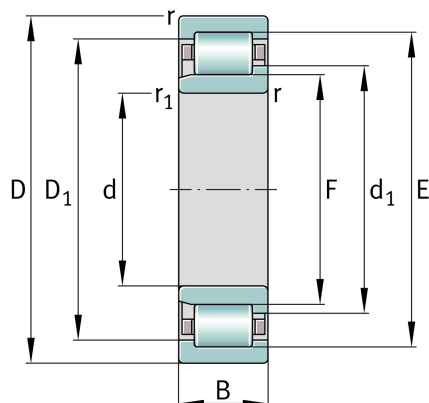
Cylindrical roller bearing

Schaeffler ID:
0167343600000

★ Preferred product

Cylindrical 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	10.900 1/min	Limiting speed
n_{gr}	7.500 1/min	Reference speed
	0,378 kg	Weight

Dimensions

	HJ208-E	L-washer
r_{min}	1,1 mm	Minimum chamfer dimension
$r_{1 min}$	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
$D_{1 min}$	68,3 mm	Minimum rib diameter outer ring
d_1	54 mm	Maximum rib diameter inner ring

Mounting dimensions

$d_{a min}$	47 mm	Minimum diameter shaft shoulder
$d_{a max}$	49 mm	Maximum diameter of shaft shoulder
$D_{a max}$	73 mm	Maximum diameter of housing shoulder
$d_{c min}$	56 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.