

FAG

NJ212-E-XL-TVP2

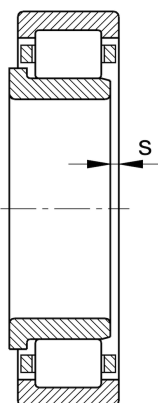
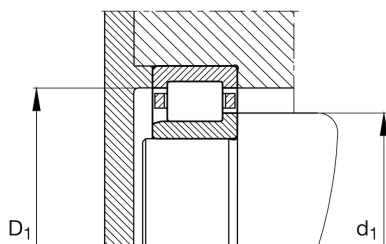
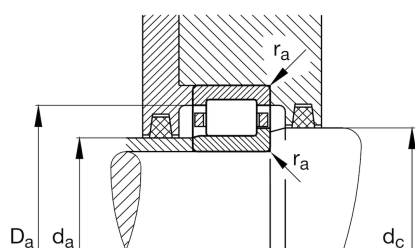
Cylindrical roller bearing

Schaeffler ID:
0167344910000Cylindrical 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

X-life

Technical information

Main Dimensions & Performance Data



d	60 mm	Bore diameter
D	110 mm	Outside diameter
B	22 mm	Width
C_r	112,000 N	Basic dynamic load rating, radial
C_{0r}	103,000 N	Basic static load rating, radial
C_{ur}	17,800 N	Fatigue load limit, radial
n_G	8,900 1/min	Limiting speed
n_{gr}	5,300 1/min	Reference speed
	0.842 kg	Weight

Dimensions

r_{min}	1.5 mm	Minimum chamfer dimension
$r_{1 min}$	1.5 mm	Minimum chamfer dimension
s	1.6 mm	Axial displacement
E	100 mm	Raceway diameter outer ring
F	72 mm	Raceway diameter inner ring
$D_{1 min}$	96.1 mm	Minimum rib diameter outer ring
d_1	77.6 mm	Maximum rib diameter inner ring

Mounting dimensions

$d_{a min}$	69 mm	Minimum diameter shaft shoulder
$d_{a max}$	71 mm	Maximum diameter of shaft shoulder
$D_{a max}$	101 mm	Maximum diameter of housing shoulder
$d_{c min}$	80 mm	Minimum shaft shoulder
$r_{a max}$	1.5 mm	Maximum recess radius

Additional information

HJ212-E

L-washer

**Temperature range**

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