

FAG

NJ2311-E-XL-TVP2

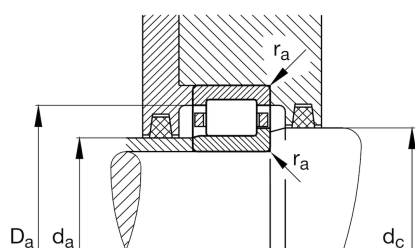
Cylindrical roller bearing

Schaeffler ID:
0192253770000Cylindrical 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

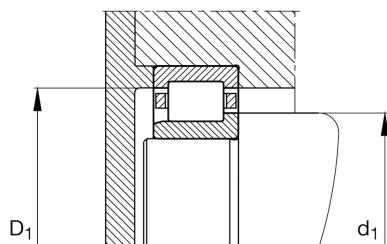
Technical information

Main Dimensions & Performance Data



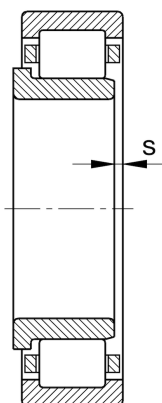
d	55 mm	Bore diameter
D	120 mm	Outside diameter
B	43 mm	Width
C_r	235,000 N	Basic dynamic load rating, radial
C_{0r}	230,000 N	Basic static load rating, radial
C_{ur}	44,000 N	Fatigue load limit, radial
n_G	8,000 1/min	Limiting speed
n_{gr}	4,500 1/min	Reference speed
	2.24 kg	Weight

Dimensions



r_{min}	2 mm	Minimum chamfer dimension
$r_{1 min}$	2 mm	Minimum chamfer dimension
s	3.3 mm	Axial displacement
E	106.5 mm	Raceway diameter outer ring
F	70.5 mm	Raceway diameter inner ring
$D_{1 min}$	101.4 mm	Minimum rib diameter outer ring
d_1	77.5 mm	Maximum rib diameter inner ring

Mounting dimensions

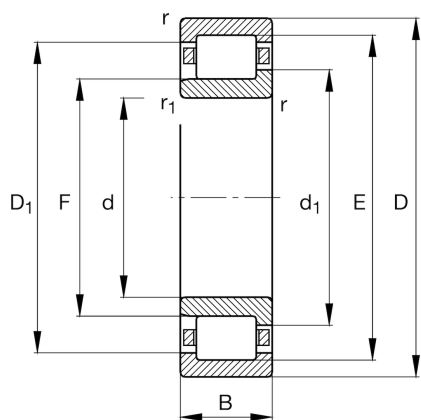


$d_{a min}$	66 mm	Minimum diameter shaft shoulder
$d_{a max}$	69 mm	Maximum diameter of shaft shoulder
$D_{a max}$	109 mm	Maximum diameter of housing shoulder
$d_{c min}$	80 mm	Minimum shaft shoulder
$r_{a max}$	2 mm	Maximum recess radius

Additional information

HJ2311-E

L-washer

**Temperature range**

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