

FAG

NJ2211-E-XL-TVP2

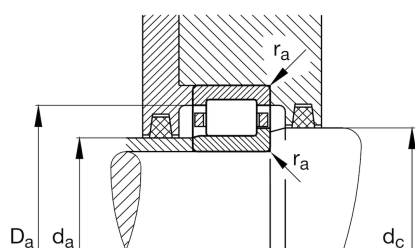
Cylindrical roller bearing

Schaeffler ID:
0167349040000Cylindrical 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

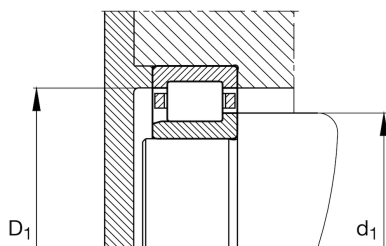
Technical information

Main Dimensions & Performance Data



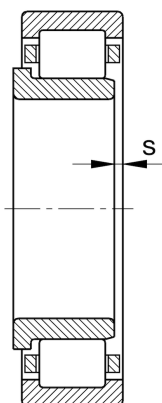
d	55 mm	Bore diameter
D	100 mm	Outside diameter
B	25 mm	Width
C _r	117,000 N	Basic dynamic load rating, radial
C _{0r}	118,000 N	Basic static load rating, radial
C _{ur}	21,000 N	Fatigue load limit, radial
n _G	10,000 1/min	Limiting speed
n _{gr}	4,700 1/min	Reference speed
	0.8 kg	Weight

Dimensions



r _{min}	1.5 mm	Minimum chamfer dimension
r _{1 min}	1.1 mm	Minimum chamfer dimension
s	1.3 mm	Axial displacement
E	90 mm	Raceway diameter outer ring
F	66 mm	Raceway diameter inner ring
D _{1 min}	86.6 mm	Minimum rib diameter outer ring
d ₁	70.8 mm	Maximum rib diameter inner ring

Mounting dimensions



d _{a min}	62 mm	Minimum diameter shaft shoulder
d _{a max}	65 mm	Maximum diameter of shaft shoulder
D _{a max}	91 mm	Maximum diameter of housing shoulder
d _{c min}	73 mm	Minimum shaft shoulder
r _{a max}	1.5 mm	Maximum recess radius

Additional information

HJ2211-E

L-washer

**Temperature range**

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