

FAG

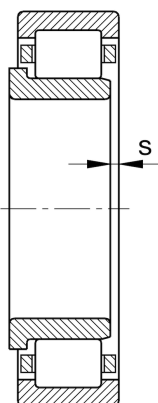
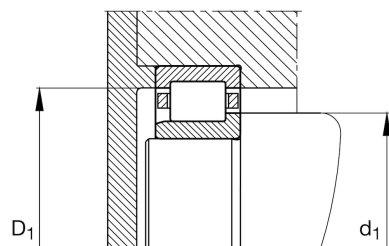
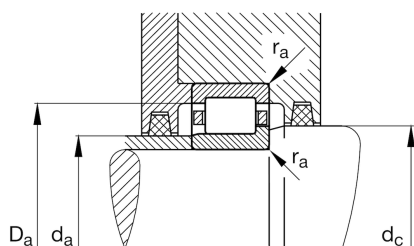
NJ2307-E-XL-TVP2

Cylindrical roller bearing

Schaeffler ID:
0167353580000Cylindrical 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	35 mm	Bore diameter
D	80 mm	Outside diameter
B	31 mm	Width
C _r	108,000 N	Basic dynamic load rating, radial
C _{0r}	98,000 N	Basic static load rating, radial
C _{ur}	17,700 N	Fatigue load limit, radial
n _G	12,600 1/min	Limiting speed
n _{gr}	6,600 1/min	Reference speed
	0.72 kg	Weight

Dimensions

r _{min}	1.5 mm	Minimum chamfer dimension
r _{1 min}	1.1 mm	Minimum chamfer dimension
s	2.1 mm	Axial displacement
E	70.2 mm	Raceway diameter outer ring
F	46.2 mm	Raceway diameter inner ring
D _{1 min}	66.6 mm	Minimum rib diameter outer ring
d ₁	51 mm	Maximum rib diameter inner ring

Mounting dimensions

d _{a min}	42 mm	Minimum diameter shaft shoulder
d _{a max}	45 mm	Maximum diameter of shaft shoulder
D _{a max}	71 mm	Maximum diameter of housing shoulder
d _{c min}	53 mm	Minimum shaft shoulder
r _{a max}	1.5 mm	Maximum recess radius

Additional information

HJ2307-E

L-washer

**Temperature range**

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