

FAG

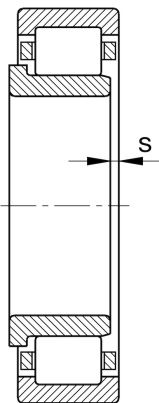
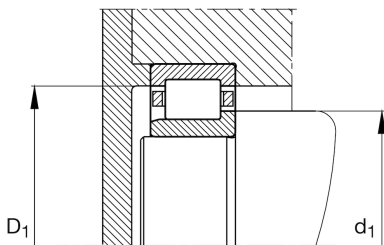
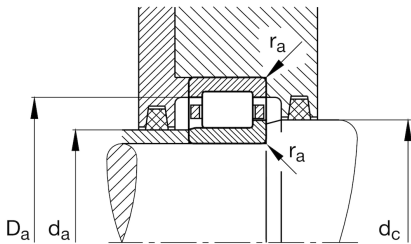
NJ2317-E-XL-TVP2

Cylindrical roller bearing

Schaeffler ID:
0167357900000Cylindrical 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	85 mm	Bore diameter
D	180 mm	Outside diameter
B	60 mm	Width
C _r	435.000 N	Basic dynamic load rating, radial
C _{0r}	445.000 N	Basic static load rating, radial
C _{ur}	81.000 N	Fatigue load limit, radial
n _G	4.550 1/min	Limiting speed
n _{gr}	3.300 1/min	Reference speed
	6,678 kg	Weight

Dimensions

	HJ2317-E	L-washer
r _{min}	3 mm	Minimum chamfer dimension
r _{1 min}	3 mm	Minimum chamfer dimension
s	4,7 mm	Axial displacement
E	160 mm	Raceway diameter outer ring
F	108 mm	Raceway diameter inner ring
D _{1 min}	152,7 mm	Minimum rib diameter outer ring
d ₁	117,8 mm	Maximum rib diameter inner ring

Mounting dimensions

d _{a min}	99 mm	Minimum diameter shaft shoulder
d _{a max}	106 mm	Maximum diameter of shaft shoulder
D _{a max}	166 mm	Maximum diameter of housing shoulder
d _{c min}	119 mm	Minimum shaft shoulder
r _{a max}	2,5 mm	Maximum recess radius

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	120 °C	Operating temperature max.

