

FAG

NJ2318-E-XL-TVP2

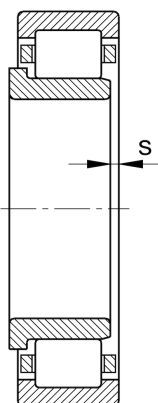
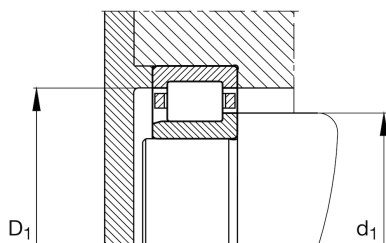
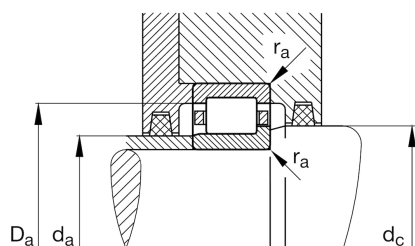
Cylindrical roller bearing

Schaeffler ID:
0192261600000Cylindrical 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	90 mm	Bore diameter
D	190 mm	Outside diameter
B	64 mm	Width
C _r	510.000 N	Basic dynamic load rating, radial
C _{0r}	530.000 N	Basic static load rating, radial
C _{ur}	94.000 N	Fatigue load limit, radial
n _G	4.250 1/min	Limiting speed
n _{gr}	3.000 1/min	Reference speed
	7,964 kg	Weight

Dimensions

	HJ2318-E	L-washer
r _{min}	3 mm	Minimum chamfer dimension
r _{1 min}	3 mm	Minimum chamfer dimension
s	5 mm	Axial displacement
E	169,5 mm	Raceway diameter outer ring
F	113,5 mm	Raceway diameter inner ring
D _{1 min}	161,6 mm	Minimum rib diameter outer ring
d ₁	124 mm	Maximum rib diameter inner ring

Mounting dimensions

d _{a min}	104 mm	Minimum diameter shaft shoulder
d _{a max}	111 mm	Maximum diameter of shaft shoulder
D _{a max}	176 mm	Maximum diameter of housing shoulder
d _{c min}	127 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.

