



FAG

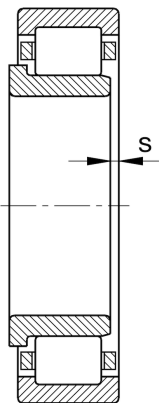
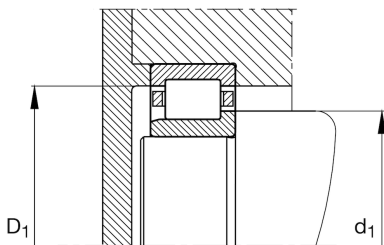
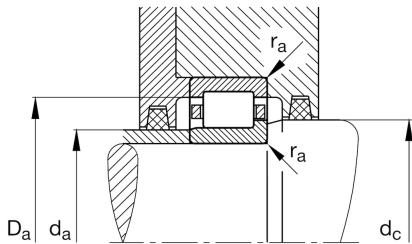
NJ2224-E-XL-TVP2

Cylindrical roller bearing

Schaeffler ID:
0192240440000Cylindrical 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	120 mm	Bore diameter
D	215 mm	Outside diameter
B	58 mm	Width
C _r	530.000 N	Basic dynamic load rating, radial
C _{0r}	610.000 N	Basic static load rating, radial
C _{ur}	104.000 N	Fatigue load limit, radial
n _G	4.350 1/min	Limiting speed
n _{gr}	2.500 1/min	Reference speed
	8,5 kg	Weight

Dimensions

d _{a min}	132 mm	Minimum diameter shaft shoulder
r _{min}	2,1 mm	Minimum chamfer dimension
d _{a max}	141 mm	Maximum diameter of shaft shoulder
r _{1 min}	2,1 mm	Minimum chamfer dimension
s	4,5 mm	Axial displacement
D _{a max}	203 mm	Maximum diameter of housing shoulder
E	195,5 mm	Raceway diameter outer ring
F	143,5 mm	Raceway diameter inner ring
D _{1 min}	187,8 mm	Minimum rib diameter outer ring
d _{c min}	156 mm	Minimum shaft shoulder
d ₁	153,2 mm	Maximum rib diameter inner ring
r _{a max}	2,1 mm	Maximum recess radius

Additional information

HJ2224-E	L-washer
----------	----------

Temperature range

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

