

FAG

NJ304-E-XL-TVP2

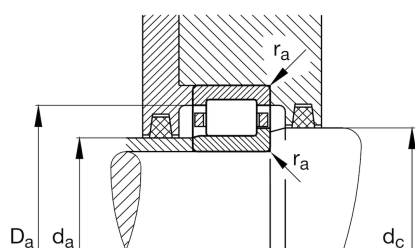
Cylindrical roller bearing

Schaeffler ID:
0167360010000Cylindrical 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

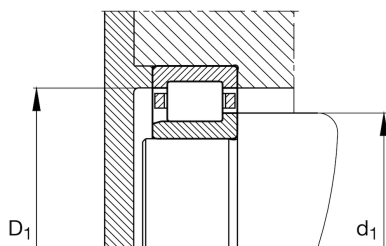
Technical information

Main Dimensions & Performance Data



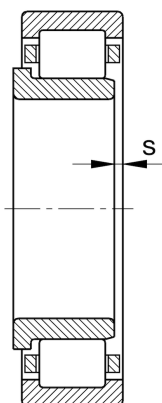
d	20 mm	Bore diameter
D	52 mm	Outside diameter
B	15 mm	Width
C _r	37,500 N	Basic dynamic load rating, radial
C _{0r}	27,000 N	Basic static load rating, radial
C _{ur}	3,950 N	Fatigue load limit, radial
n _G	17,200 1/min	Limiting speed
n _{gr}	11,900 1/min	Reference speed
	0.15 kg	Weight

Dimensions



r _{min}	1.1 mm	Minimum chamfer dimension
r _{1 min}	0.6 mm	Minimum chamfer dimension
s	1 mm	Axial displacement
E	45.5 mm	Raceway diameter outer ring
F	27.5 mm	Raceway diameter inner ring
D _{1 min}	42.4 mm	Minimum rib diameter outer ring
d ₁	31.3 mm	Maximum rib diameter inner ring

Mounting dimensions



d _{a min}	24 mm	Minimum diameter shaft shoulder
d _{a max}	27 mm	Maximum diameter of shaft shoulder
D _{a max}	45 mm	Maximum diameter of housing shoulder
d _{c min}	33 mm	Minimum shaft shoulder
r _{a max}	1 mm	Maximum recess radius

Additional information

HJ304-E

L-washer

**Temperature range**

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