

FAG

NJ2209-E-XL-TVP2

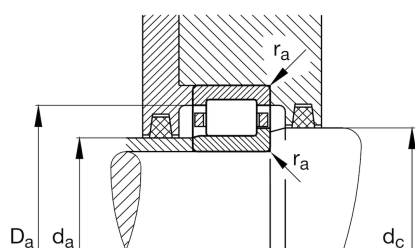
Cylindrical roller bearing

Schaeffler ID:
0167348150000Cylindrical 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

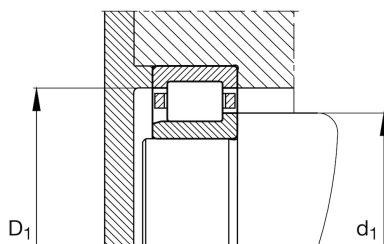
Technical information

Main Dimensions & Performance Data



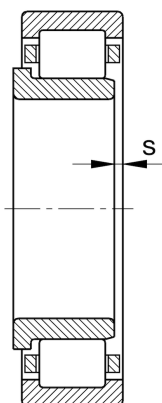
d	45 mm	Bore diameter
D	85 mm	Outside diameter
B	23 mm	Width
C_r	87,000 N	Basic dynamic load rating, radial
C_{0r}	82,000 N	Basic static load rating, radial
C_{ur}	14,100 N	Fatigue load limit, radial
n_G	11,800 1/min	Limiting speed
n_{gr}	5,800 1/min	Reference speed
	0.416 kg	Weight

Dimensions



r_{min}	1.1 mm	Minimum chamfer dimension
r_{1min}	1.1 mm	Minimum chamfer dimension
s	1.5 mm	Axial displacement
E	76.5 mm	Raceway diameter outer ring
F	54.5 mm	Raceway diameter inner ring
D_{1min}	73.3 mm	Minimum rib diameter outer ring
d_1	59 mm	Maximum rib diameter inner ring

Mounting dimensions



d_{amin}	52 mm	Minimum diameter shaft shoulder
d_{amax}	54 mm	Maximum diameter of shaft shoulder
D_{amax}	78 mm	Maximum diameter of housing shoulder
d_{cmin}	61 mm	Minimum shaft shoulder
r_{amax}	1 mm	Maximum recess radius

Additional information

HJ2209-E

L-washer

**Temperature range**

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