

FAG

★ NJ2209-E-XL-TVP2

Cylindrical roller bearing

Schaeffler ID:
0167348150000

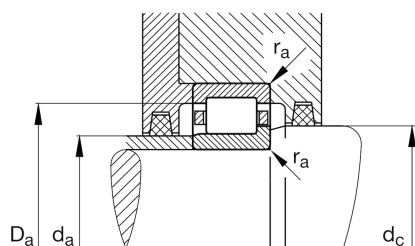
★ Preferred product

Cylindrical 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

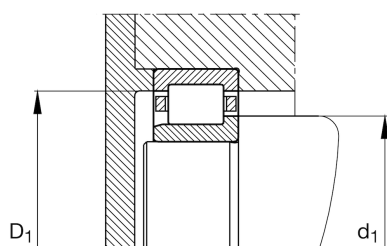
Technical information

Main Dimensions & Performance Data



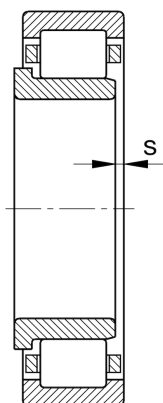
d	45 mm	Bore diameter
D	85 mm	Outside diameter
B	23 mm	Width
C_r	87.000 N	Basic dynamic load rating, radial
C_{0r}	82.000 N	Basic static load rating, radial
C_{ur}	14.100 N	Fatigue load limit, radial
n_G	10.200 1/min	Limiting speed
n_{gr}	5.800 1/min	Reference speed
	0,416 kg	Weight

Dimensions



	HJ2209-E	L-washer
r_{min}	1,1 mm	Minimum chamfer dimension
$r_{1 min}$	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
$D_{1 min}$	73,3 mm	Minimum rib diameter outer ring
d_1	59 mm	Maximum rib diameter inner ring

Mounting dimensions



$d_{a min}$	52 mm	Minimum diameter shaft shoulder
$d_{a max}$	54 mm	Maximum diameter of shaft shoulder
$D_{a max}$	78 mm	Maximum diameter of housing shoulder
$d_{c min}$	61 mm	Minimum shaft shoulder
$r_{a max}$	1 mm	Maximum recess radius

Temperature range

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

