

FAG

★ NJ305-E-XL-TVP2

Cylindrical roller bearing

Schaeffler ID:
0167360280000

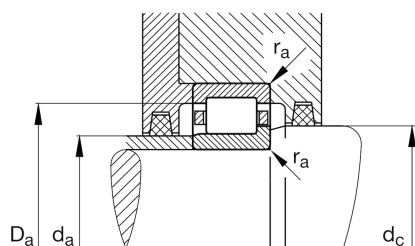
★ Preferred product

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

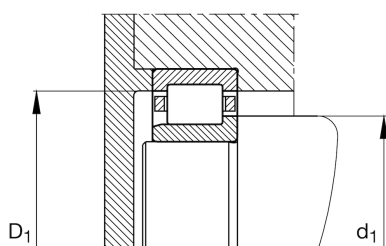
Technical information

Main Dimensions & Performance Data



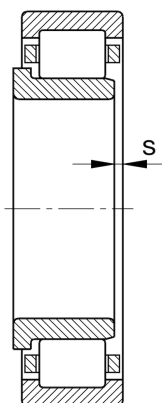
d	25 mm	Bore diameter
D	62 mm	Outside diameter
B	17 mm	Width
C_r	49.000 N	Basic dynamic load rating, radial
C_{0r}	37.500 N	Basic static load rating, radial
C_{ur}	5.700 N	Fatigue load limit, radial
n_G	14.400 1/min	Limiting speed
n_{gr}	10.100 1/min	Reference speed
	0,241 kg	Weight

Dimensions



	HJ305-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	54 mm	Raceway diameter outer ring
F	34 mm	Raceway diameter inner ring
$D_{1 min}$	50,7 mm	Minimum rib diameter outer ring
d_1	38,1 mm	Maximum rib diameter inner ring

Mounting dimensions



$d_{a min}$	32 mm	Minimum diameter shaft shoulder
$d_{a max}$	33 mm	Maximum diameter of shaft shoulder
$D_{a max}$	55 mm	Maximum diameter of housing shoulder
$d_{c min}$	40 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.

