

FAG**NJ314-E-XL-TVP2**

Cylindrical roller bearing

Schaeffler ID:
0167364510000Cylindrical 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	70 mm	Bore diameter
D	150 mm	Outside diameter
B	35 mm	Width
C _r	242.000 N	Basic dynamic load rating, radial
C _{0r}	222.000 N	Basic static load rating, radial
C _{ur}	40.000 N	Fatigue load limit, radial
n _G	6.300 1/min	Limiting speed
n _{gr}	4.500 1/min	Reference speed
	2,79 kg	Weight

Dimensions

	HJ314-E	L-washer
r _{min}	2,1 mm	Minimum chamfer dimension
r _{1 min}	2,1 mm	Minimum chamfer dimension
s	1,7 mm	Axial displacement
E	133 mm	Raceway diameter outer ring
F	89 mm	Raceway diameter inner ring
D _{1 min}	126,8 mm	Minimum rib diameter outer ring
d ₁	97,4 mm	Maximum rib diameter inner ring

Mounting dimensions

d _{a min}	82 mm	Minimum diameter shaft shoulder
d _{a max}	87 mm	Maximum diameter of shaft shoulder
D _{a max}	138 mm	Maximum diameter of housing shoulder
d _{c min}	100 mm	Minimum shaft shoulder
r _{a max}	2,1 mm	Maximum recess radius

Temperature range

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