

FAG**NJ215-E-XL-TVP2**

Cylindrical roller bearing

Schaeffler ID:
0167345800000Cylindrical 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	75 mm	Bore diameter
D	130 mm	Outside diameter
B	25 mm	Width
C _r	155.000 N	Basic dynamic load rating, radial
C _{0r}	157.000 N	Basic static load rating, radial
C _{ur}	28.000 N	Fatigue load limit, radial
n _G	7.500 1/min	Limiting speed
n _{gr}	4.400 1/min	Reference speed
	1,28 kg	Weight

Dimensions

	HJ215-E	L-washer
r _{min}	1,5 mm	Minimum chamfer dimension
r _{1 min}	1,5 mm	Minimum chamfer dimension
s	1,2 mm	Axial displacement
E	118,5 mm	Raceway diameter outer ring
F	88,5 mm	Raceway diameter inner ring
D _{1 min}	114,4 mm	Minimum rib diameter outer ring
d ₁	94,4 mm	Maximum rib diameter inner ring

Mounting dimensions

d _{a min}	84 mm	Minimum diameter shaft shoulder
d _{a max}	87 mm	Maximum diameter of shaft shoulder
D _{a max}	121 mm	Maximum diameter of housing shoulder
d _{c min}	96 mm	Minimum shaft shoulder
r _{a max}	1,5 mm	Maximum recess radius

Temperature range

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