



FAG

★ NJ218-E-XL-TVP2

Cylindrical roller bearing

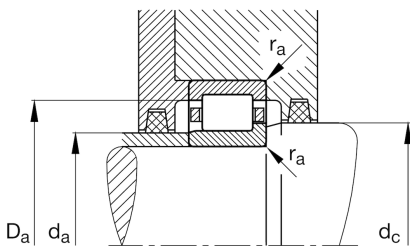
Schaeffler ID:
0167346530000

★ 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



Temperature range

T_{min}	-30 °C	Operating temperature min.
T_{max}	120 °C	Operating temperature max.
	2,36 kg	Weight

Main Dimensions & Performance Data

d	90 mm	Bore diameter
D	160 mm	Outside diameter
B	30 mm	Width
C_r	215.000 N	Basic dynamic load rating, radial
C_{0r}	217.000 N	Basic static load rating, radial
C_{ur}	37.500 N	Fatigue load limit, radial
n_G	5.200 1/min	Limiting speed
n_{gr}	3.900 1/min	Reference speed

Dimensions

r_{min}	2 mm	Minimum chamfer dimension
r_{1min}	2 mm	Minimum chamfer dimension
s	1,5 mm	Axial displacement
E	145 mm	Raceway diameter outer ring
F	107 mm	Raceway diameter inner ring
D_{1min}	139,7 mm	Minimum rib diameter outer ring
d_1	114,3 mm	Maximum rib diameter inner ring

Mounting dimensions

d_{amin}	101 mm	Minimum diameter shaft shoulder
d_{amax}	105 mm	Maximum diameter of shaft shoulder
D_{amax}	149 mm	Maximum diameter of housing shoulder
d_{cmin}	116 mm	Minimum shaft shoulder
r_{amax}	2 mm	Maximum recess radius

Additional information

HJ218-E

L-washer

