

FAG

X-life

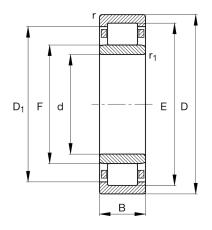
NU218-E-XL-TVP2

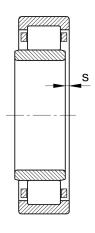
Cylindrical roller bearing

Schaeffler ID: 0167380470000

Cylindrical roller bearing NU..-E-XL-TVP2, with cage, single row, non-locating bearing, 2 ribs on outer ring, 0 ribs on inner ring (smooth), type NU

Technical information





Main Dimensions & Performance Data

d	90 mm	Bore diameter
D	160 mm	Outside diameter
В	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	29,500 N	Fatigue load limit, radial
n _G	5,200 1/min	Limiting speed
n _{ðr}	3,900 1/min	Reference speed
	2.31 kg	Weight

Dimensions

r _{min}	2 mm	Minimum chamfer dimension
r _{1 min}	2 mm	Minimum chamfer dimension
S	1.5 mm	Axial displacement
Е	145 mm	Raceway diameter outer ring
F	107 mm	Raceway diameter inner ring
D _{1 min}	139.7 mm	Minimum rib diameter outer ring

Mounting dimensions

d _{a min}	101 mm	Minimum diameter shaft shoulder
d _{a max}	105 mm	Maximum diameter of shaft shoulder
d _{b min}	109 mm	Minimum shaft shoulder
D _{a max}	149 mm	Maximum diameter of housing shoulder
r _{a max}	2 mm	Maximum recess radius
r _{a1 max}	2 mm	Maximum recess radius

Temperature range

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

The datasheet is only an overview of dimensions and basic load ratings of the selected product. Please always observe all further information and guidelines for this product. For further information you can use the contact form on our website.

