

FAG

NUP313-E-XL-TVP2

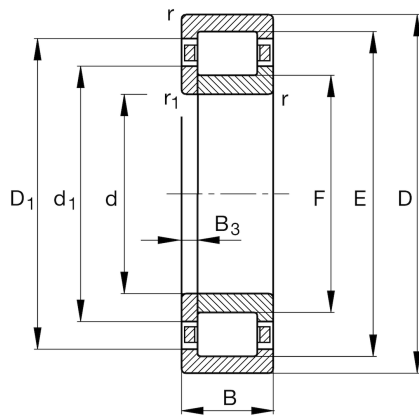
Cylindrical roller bearing

Schaeffler ID:
0167415520000

Cylindrical roller bearing NUP.-E-XL-TVP2, with cage, single row, locating bearing, 2 ribs on outer ring, 1 rib on inner ring, rib washer internal, type NUP

X-life

Technical information



Main Dimensions & Performance Data

d	65 mm	Bore diameter
D	140 mm	Outside diameter
B	33 mm	Width
C _r	214.000 N	Basic dynamic load rating, radial
C _{0r}	191.000 N	Basic static load rating, radial
C _{ur}	35.000 N	Fatigue load limit, radial
n _G	6.800 1/min	Limiting speed
n _{gr}	4.800 1/min	Reference speed
≈m	2,34 kg	Weight

Mounting dimensions

d ₁	90,5 mm	Maximum rib diameter inner ring
D _{1 min}	118,6 mm	Minimum rib diameter outer ring
d _{a min}	77 mm	Minimum diameter shaft shoulder
d _{c min}	93 mm	Minimum shaft shoulder
D _{a max}	128 mm	Maximum diameter of housing shoulder
r _{a max}	2,1 mm	Maximum recess radius

Dimensions

r _{min}	2,1 mm	Minimum chamfer dimension
r _{1 min}	2,1 mm	Minimum chamfer dimension
E	124,5 mm	Raceway diameter outer ring
F	82,5 mm	Raceway diameter inner ring
B ₃	5,5 mm	Width of loose rib

Temperature range

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

