



FAG

★ NU316-E-XL-TVP2

Cylindrical roller bearing

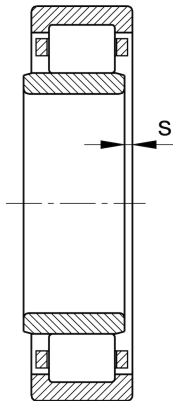
Schaeffler ID:
0167401650000

★ Preferred product

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

X-life

Technical information



Temperature range

T_{min}	-30 °C	Operating temperature min.
T_{max}	120 °C	Operating temperature max.
	3,812 kg	Weight

Main Dimensions & Performance Data

d	80 mm	Bore diameter
D	170 mm	Outside diameter
B	39 mm	Width
C_r	300.000 N	Basic dynamic load rating, radial
C_{0r}	275.000 N	Basic static load rating, radial
C_{ur}	37.500 N	Fatigue load limit, radial
n_G	4.800 1/min	Limiting speed
n_{gr}	4.100 1/min	Reference speed

Dimensions

r_{min}	2,1 mm	Minimum chamfer dimension
r_{1min}	2,1 mm	Minimum chamfer dimension
s	0,7 mm	Axial displacement
E	151 mm	Raceway diameter outer ring
F	101 mm	Raceway diameter inner ring
D_{1min}	143,9 mm	Minimum rib diameter outer ring

Mounting dimensions

d_{amin}	92 mm	Minimum diameter shaft shoulder
d_{amax}	99 mm	Maximum diameter of shaft shoulder
d_{bmin}	105 mm	Minimum shaft shoulder
D_{amax}	158 mm	Maximum diameter of housing shoulder
r_{amax}	2,1 mm	Maximum recess radius
r_{a1max}	2,1 mm	Maximum recess radius

