

FAG

★ NU314-E-XL-TVP2

Cylindrical roller bearing

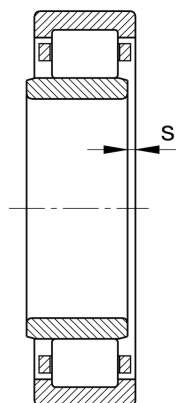
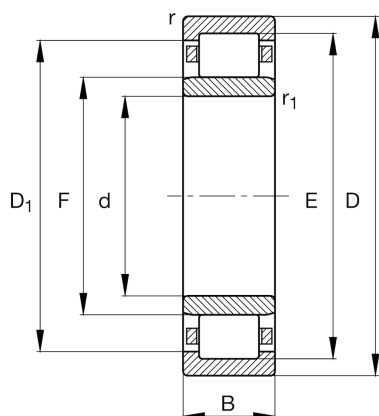
Schaeffler ID:
0167400500000

★ 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.
	2,686 kg	Weight

Main Dimensions & Performance Data

d	70 mm	Bore diameter
D	150 mm	Outside diameter
B	35 mm	Width
C_r	242.000 N	Basic dynamic load rating, radial
C_{0r}	222.000 N	Basic static load rating, radial
C_{ur}	30.500 N	Fatigue load limit, radial
n_G	5.500 1/min	Limiting speed
n_{gr}	4.500 1/min	Reference speed

Dimensions

r_{min}	2,1 mm	Minimum chamfer dimension
$r_{1 min}$	2,1 mm	Minimum chamfer dimension
s	1,7 mm	Axial displacement
E	133 mm	Raceway diameter outer ring
F	89 mm	Raceway diameter inner ring
$D_{1 min}$	126,8 mm	Minimum rib diameter outer ring

Mounting dimensions

$d_{a min}$	82 mm	Minimum diameter shaft shoulder
$d_{a max}$	87 mm	Maximum diameter of shaft shoulder
$d_{b min}$	92 mm	Minimum shaft shoulder
$D_{a max}$	138 mm	Maximum diameter of housing shoulder
$r_{a max}$	2,1 mm	Maximum recess radius
$r_{a1 max}$	2,1 mm	Maximum recess radius