

FAG

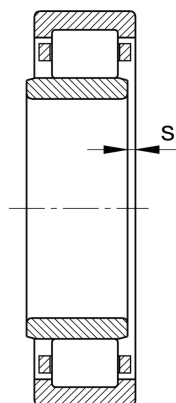
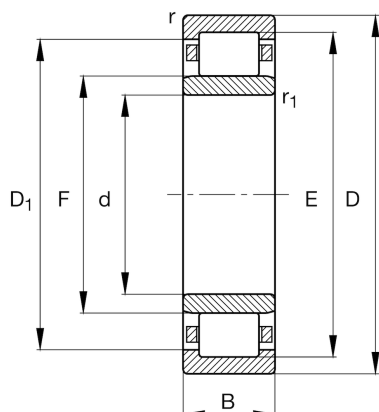
NU324-E-XL-TVP2

Cylindrical roller bearing

Schaeffler ID:
0167404160000Cylindrical 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



Main Dimensions & Performance Data

d	120 mm	Bore diameter
D	260 mm	Outside diameter
B	55 mm	Width
C_r	610.000 N	Basic dynamic load rating, radial
C_{0r}	600.000 N	Basic static load rating, radial
C_{ur}	73.000 N	Fatigue load limit, radial
n_G	3.500 1/min	Limiting speed
n_{gr}	2.650 1/min	Reference speed
	13,3 kg	Weight

Dimensions

r_{\min}	3 mm	Minimum chamfer dimension
$r_{1\min}$	3 mm	Minimum chamfer dimension
s	3,5 mm	Axial displacement
E	230 mm	Raceway diameter outer ring
F	154 mm	Raceway diameter inner ring
$D_{1\min}$	218,7 mm	Minimum rib diameter outer ring

Mounting dimensions

$d_{a\min}$	134 mm	Minimum diameter shaft shoulder
$d_{a\max}$	151 mm	Maximum diameter of shaft shoulder
$d_{b\min}$	156 mm	Minimum shaft shoulder
$D_{a\max}$	246 mm	Maximum diameter of housing shoulder
$r_{a\max}$	2,5 mm	Maximum recess radius
$r_{a1\max}$	2,5 mm	Maximum recess radius

Temperature range

T_{\min}	-30 °C	Operating temperature min.
T_{\max}	120 °C	Operating temperature max.

