



FAG

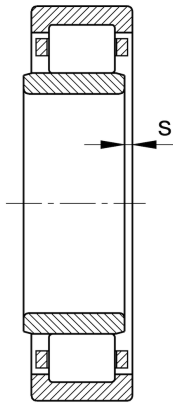
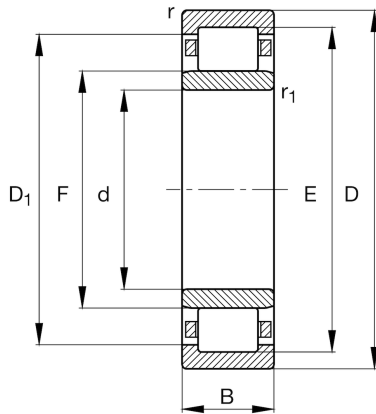
NU322-E-XL-TVP2

Cylindrical roller bearing

Schaeffler ID:
0167403860000Cylindrical 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



Dimensions

r_{\min}	3 mm	Minimum chamfer dimension
$r_{1\min}$	3 mm	Minimum chamfer dimension
s	1,3 mm	Axial displacement
E	211 mm	Raceway diameter outer ring
F	143 mm	Raceway diameter inner ring
$D_{1\min}$	200,9 mm	Minimum rib diameter outer ring
	10,12 kg	Weight

Main Dimensions & Performance Data

d	110 mm	Bore diameter
D	240 mm	Outside diameter
B	50 mm	Width
C_r	495.000 N	Basic dynamic load rating, radial
C_{0r}	475.000 N	Basic static load rating, radial
C_{ur}	60.000 N	Fatigue load limit, radial
n_G	3.850 1/min	Limiting speed
n_{gr}	3.050 1/min	Reference speed

Mounting dimensions

$d_{a\min}$	124 mm	Minimum diameter shaft shoulder
$d_{a\max}$	140 mm	Maximum diameter of shaft shoulder
$d_{b\min}$	145 mm	Minimum shaft shoulder
$D_{a\max}$	226 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.

