



FAG

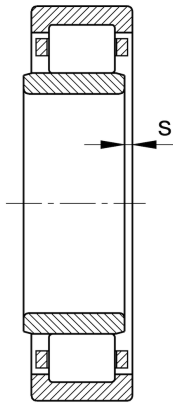
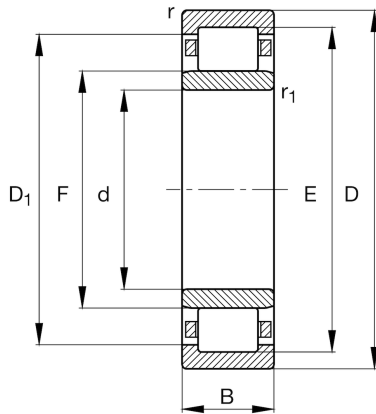
NU318-E-XL-TVP2

Cylindrical roller bearing

Schaeffler ID:
0167402620000Cylindrical 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	90 mm	Bore diameter
D	190 mm	Outside diameter
B	43 mm	Width
C_r	370.000 N	Basic dynamic load rating, radial
C_{0r}	350.000 N	Basic static load rating, radial
C_{ur}	45.500 N	Fatigue load limit, radial
n_G	4.900 1/min	Limiting speed
n_{gr}	3.650 1/min	Reference speed
	5,3 kg	Weight

Mounting dimensions

$d_{a \min}$	104 mm	Minimum diameter shaft shoulder
$d_{a \max}$	111 mm	Maximum diameter of shaft shoulder
$d_{b \min}$	117 mm	Minimum shaft shoulder
$D_{a \max}$	176 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.

Dimensions

r_{\min}	3 mm	Minimum chamfer dimension
$r_{1 \min}$	3 mm	Minimum chamfer dimension
s	1,5 mm	Axial displacement
E	169,5 mm	Raceway diameter outer ring
F	113,5 mm	Raceway diameter inner ring
$D_{1 \min}$	161,6 mm	Minimum rib diameter outer ring

