

FAG

NUP2318-E-XL-TVP2

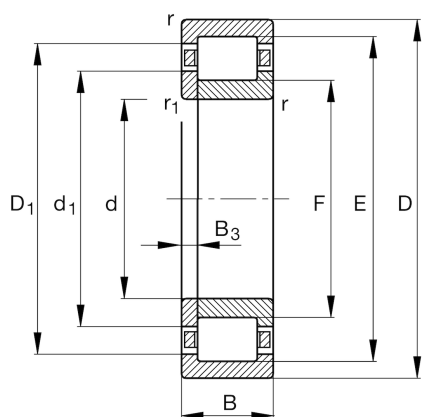
Cylindrical roller bearing

Schaeffler ID:
0190051130000

Cylindrical roller bearing NUP.-E-XL-TVP2, with cage, single row, locating bearing, 2 ribs on outer ring, 1 rib on inner ring, rib washer internal, type NUP

X-life

Technical information



Temperature range

T_{\min}	-30 °C	Operating temperature min.
T_{\max}	120 °C	Operating temperature max.
	8,2 kg	Weight

Main Dimensions & Performance Data

d	90 mm	Bore diameter
D	190 mm	Outside diameter
B	64 mm	Width
C_r	510.000 N	Basic dynamic load rating, radial
C_{0r}	530.000 N	Basic static load rating, radial
C_{ur}	94.000 N	Fatigue load limit, radial
n_G	4.250 1/min	Limiting speed
n_{gr}	3.000 1/min	Reference speed

Dimensions

r_{\min}	3 mm	Minimum chamfer dimension
$r_{1\min}$	3 mm	Minimum chamfer dimension
E	169,5 mm	Raceway diameter outer ring
F	113,5 mm	Raceway diameter inner ring
B_3	10 mm	Width of loose rib

Mounting dimensions

d_1	124 mm	Maximum rib diameter inner ring
$D_{1\min}$	161,6 mm	Minimum rib diameter outer ring
$d_{a\min}$	104 mm	Minimum diameter shaft shoulder
$d_{c\min}$	127 mm	Minimum shaft shoulder
$D_{a\max}$	176 mm	Maximum diameter of housing shoulder
$r_{a\max}$	2,5 mm	Maximum recess radius

