



FAG

NUP2310-E-XL-TVP2

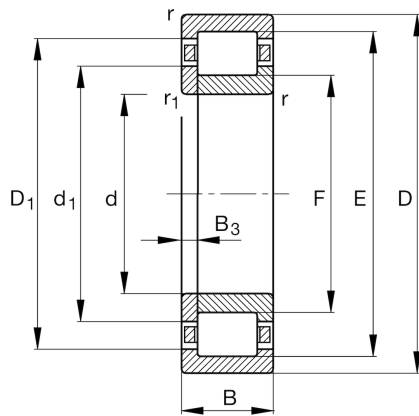
Cylindrical roller bearing

Schaeffler ID:
0167412500000

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



Main Dimensions & Performance Data

d	50 mm	Bore diameter
D	110 mm	Outside diameter
B	40 mm	Width
C_r	193.000 N	Basic dynamic load rating, radial
C_{0r}	187.000 N	Basic static load rating, radial
C_{ur}	35.500 N	Fatigue load limit, radial
n_G	8.900 1/min	Limiting speed
n_{gr}	4.900 1/min	Reference speed
	1,79 kg	Weight

Mounting dimensions

d_1	71,3 mm	Maximum rib diameter inner ring
$D_{1 \min}$	92,5 mm	Minimum rib diameter outer ring
$d_{a \min}$	61 mm	Minimum diameter shaft shoulder
$d_{c \min}$	73 mm	Minimum shaft shoulder
$D_{a \max}$	99 mm	Maximum diameter of housing shoulder
$r_{a \max}$	2 mm	Maximum recess radius

Dimensions

r_{\min}	2 mm	Minimum chamfer dimension
$r_{1 \min}$	2 mm	Minimum chamfer dimension
E	97 mm	Raceway diameter outer ring
F	65 mm	Raceway diameter inner ring
B_3	6,5 mm	Width of loose rib

Temperature range

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

