

FAG

NUP210-E-XL-TVP2

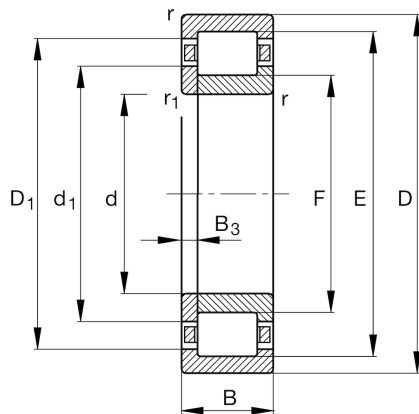
Cylindrical roller bearing

Schaeffler ID:
0167407850000

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	90 mm	Outside diameter
B	20 mm	Width
C_r	75.000 N	Basic dynamic load rating, radial
C_{0r}	69.000 N	Basic static load rating, radial
C_{ur}	11.400 N	Fatigue load limit, radial
n_G	11.100 1/min	Limiting speed
n_{gr}	6.600 1/min	Reference speed
$\approx m$	0,463 kg	Weight

Mounting dimensions

d_1	64 mm	Maximum rib diameter inner ring
$D_{1 \min}$	78,3 mm	Minimum rib diameter outer ring
$d_{a \min}$	57 mm	Minimum diameter shaft shoulder
$d_{c \min}$	67 mm	Minimum shaft shoulder
$D_{a \max}$	83 mm	Maximum diameter of housing shoulder
$r_{a \max}$	1 mm	Maximum recess radius

Dimensions

r_{\min}	1,1 mm	Minimum chamfer dimension
$r_{1 \min}$	1,1 mm	Minimum chamfer dimension
E	81,5 mm	Raceway diameter outer ring
F	59,5 mm	Raceway diameter inner ring
B_3	4 mm	Width of loose rib

Temperature range

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

