

FAG

NUP315-E-XL-TVP2

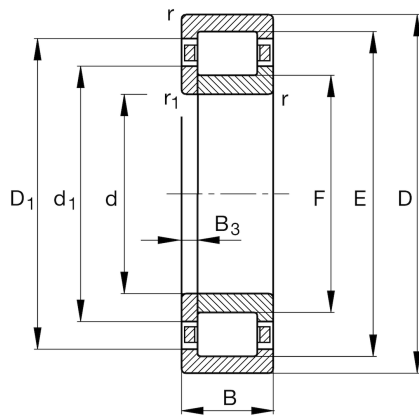
Cylindrical roller bearing

Schaeffler ID:
0167415950000

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	75 mm	Bore diameter
D	160 mm	Outside diameter
B	37 mm	Width
C_r	285.000 N	Basic dynamic load rating, radial
C_{0r}	265.000 N	Basic static load rating, radial
C_{ur}	47.000 N	Fatigue load limit, radial
n_G	5.900 1/min	Limiting speed
n_{gr}	4.150 1/min	Reference speed
	3,41 kg	Weight

Mounting dimensions

d_1	104,1 mm	Maximum rib diameter inner ring
$D_{1\min}$	136,2 mm	Minimum rib diameter outer ring
$d_{a\min}$	87 mm	Minimum diameter shaft shoulder
$d_{c\min}$	106 mm	Minimum shaft shoulder
$D_{a\max}$	148 mm	Maximum diameter of housing shoulder
$r_{a\max}$	2,1 mm	Maximum recess radius

Dimensions

r_{\min}	2,1 mm	Minimum chamfer dimension
$r_{1\min}$	2,1 mm	Minimum chamfer dimension
E	143 mm	Raceway diameter outer ring
F	95 mm	Raceway diameter inner ring
B_3	5,5 mm	Width of loose rib

Temperature range

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

