



FAG

★ NUP2218-E-XL-TVP2

Cylindrical roller bearing

Schaeffler ID:
0167410210000

★ Preferred product

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.
	3,25 kg	Weight

Main Dimensions & Performance Data

d	90 mm	Bore diameter
D	160 mm	Outside diameter
B	40 mm	Width
C_r	285.000 N	Basic dynamic load rating, radial
C_{0r}	315.000 N	Basic static load rating, radial
C_{ur}	56.000 N	Fatigue load limit, radial
n_G	5.200 1/min	Limiting speed
n_{gr}	3.250 1/min	Reference speed

Dimensions

r_{\min}	2 mm	Minimum chamfer dimension
$r_{1\min}$	2 mm	Minimum chamfer dimension
E	145 mm	Raceway diameter outer ring
F	107 mm	Raceway diameter inner ring
B_3	6 mm	Width of loose rib

Mounting dimensions

d_1	114,3 mm	Maximum rib diameter inner ring
$D_{1\min}$	139,7 mm	Minimum rib diameter outer ring
$d_{a\min}$	101 mm	Minimum diameter shaft shoulder
$d_{c\min}$	116 mm	Minimum shaft shoulder
$D_{a\max}$	149 mm	Maximum diameter of housing shoulder
$r_{a\max}$	2 mm	Maximum recess radius

