



FAG

★ NJ224-E-XL-TVP2

Cylindrical roller bearing

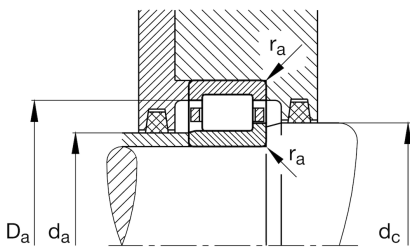
Schaeffler ID:
0167352770000

★ Preferred product

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

X-life

Technical information



Temperature range

T_{min}	-30 °C	Operating temperature min.
T_{max}	120 °C	Operating temperature max.
	5,745 kg	Weight

Main Dimensions & Performance Data

d	120 mm	Bore diameter
D	215 mm	Outside diameter
B	40 mm	Width
C_r	390.000 N	Basic dynamic load rating, radial
C_{0r}	415.000 N	Basic static load rating, radial
C_{ur}	70.000 N	Fatigue load limit, radial
n_G	3.750 1/min	Limiting speed
n_{gr}	3.050 1/min	Reference speed

Dimensions

r_{min}	2,1 mm	Minimum chamfer dimension
$r_{1 min}$	2,1 mm	Minimum chamfer dimension
s	1,4 mm	Axial displacement
E	195,5 mm	Raceway diameter outer ring
F	143,5 mm	Raceway diameter inner ring
$D_{1 min}$	187,8 mm	Minimum rib diameter outer ring
d_1	153,2 mm	Maximum rib diameter inner ring

Mounting dimensions

$d_{a min}$	132 mm	Minimum diameter shaft shoulder
$d_{a max}$	141 mm	Maximum diameter of shaft shoulder
$D_{a max}$	203 mm	Maximum diameter of housing shoulder
$d_{c min}$	156 mm	Minimum shaft shoulder
$r_{a max}$	2,1 mm	Maximum recess radius

Additional information

HJ224-E

L-washer

