

FAG

NUP203-E-XL-TVP2

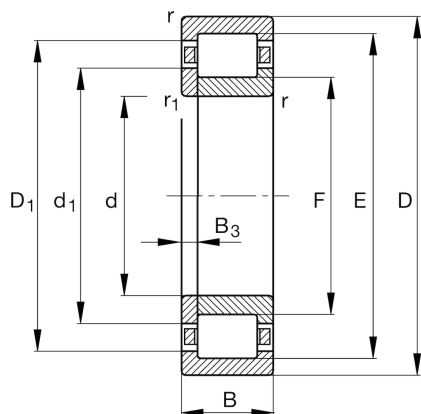
Cylindrical roller bearing

Schaeffler ID:
0167406960000

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	17 mm	Bore diameter
D	40 mm	Outside diameter
B	12 mm	Width
C_r	20,800 N	Basic dynamic load rating, radial
C_{0r}	14,600 N	Basic static load rating, radial
C_{ur}	2,230 N	Fatigue load limit, radial
n_G	26,500 1/min	Limiting speed
n_{gr}	15,300 1/min	Reference speed
	0.07 kg	Weight

Dimensions

r_{min}	0.6 mm	Minimum chamfer dimension
r_{1min}	0.3 mm	Minimum chamfer dimension
E	35.1 mm	Raceway diameter outer ring
F	22.1 mm	Raceway diameter inner ring
B_3	2.5 mm	Width of loose rib

Mounting dimensions

d_1	24.7 mm	Maximum rib diameter inner ring
D_{1min}	32.5 mm	Minimum rib diameter outer ring
d_{amin}	21 mm	Minimum diameter shaft shoulder
d_{cmin}	28 mm	Minimum shaft shoulder
D_{amax}	36 mm	Maximum diameter of housing shoulder
r_{amax}	0.6 mm	Maximum recess radius

Temperature range

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

