



FAG

★ N316-E-XL-TVP2

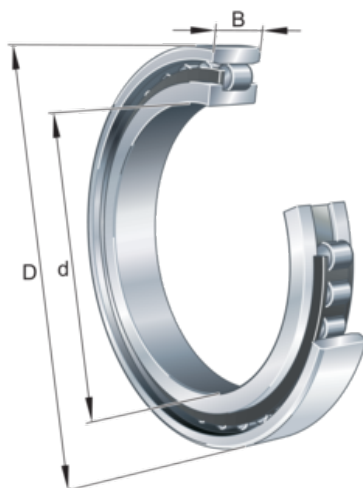
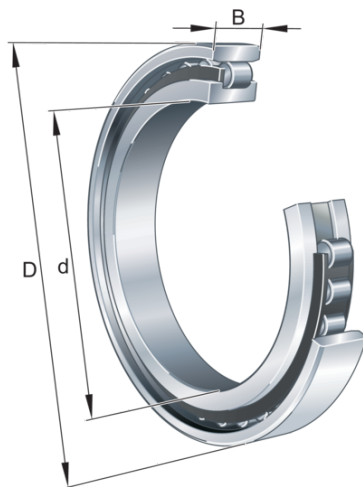
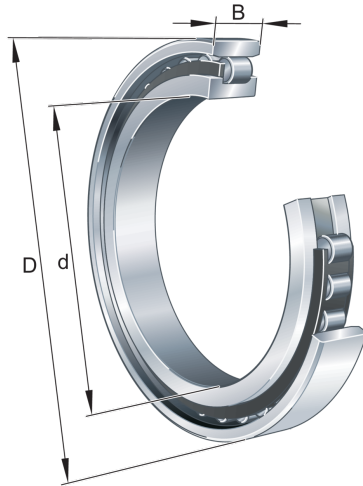
Cylindrical roller bearing

Schaeffler ID:
0167341220000

★ Preferred product

Cylindrical roller bearing N3..-E-TVP2, with cage, single row, non-locating bearing, 0 ribs on outer ring, 2 rib on inner ring, type N3

Technical information



Temperature range

T_{\min}	-30 °C	Operating temperature min.
T_{\max}	120 °C	Operating temperature max.
	3,86 kg	Weight

Main Dimensions & Performance Data

d	80 mm	Bore diameter
D	170 mm	Outside diameter
B	39 mm	Width
C_r	300.000 N	Basic dynamic load rating, radial
C_{0r}	275.000 N	Basic static load rating, radial
C_{ur}	50.000 N	Fatigue load limit, radial
$n_{G \text{ Grease}}$	4.100 1/min	Limiting speed for grease lubrication
$n_{G \text{ Oil}}$	4.800 1/min	Limiting speed for oil lubrication

Dimensions

$r_{1 \min}$	2,1 mm	Minimum chamfer dimension
s_1	0,6 mm	Axial displacement
E	151 mm	Raceway diameter outer ring

Mounting dimensions

$d_{a \min}$	92 mm	Minimum diameter shaft shoulder
$D_{a \max}$	158 mm	Maximum diameter of housing shoulder
$r_{a1 \max}$	2,1 mm	Maximum recess radius

