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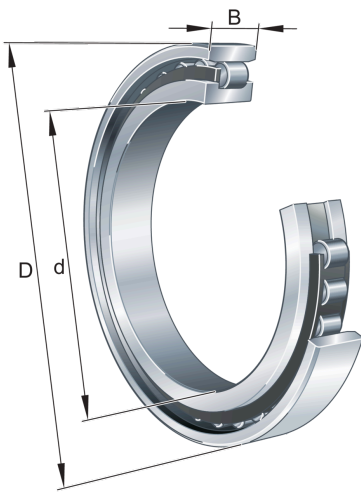
N309-E-XL-TVP2

Cylindrical roller bearing

Schaeffler ID:  
0167339750000

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



Main Dimensions & Performance Data

d	[45] mm	Bore diameter
D	[100] mm	Outside diameter
B	[25] mm	Width
C <sub>r</sub>	[116.000] N	Basic dynamic load rating, radial
C <sub>0r</sub>	[99.000] N	Basic static load rating, radial
C <sub>ur</sub>	[17.600] N	Fatigue load limit, radial
n <sub>G Grease</sub>	[8.300] 1/min	Limiting speed for grease lubrication
n <sub>G Oil</sub>	[9.800] 1/min	Limiting speed for oil lubrication
	[0,87] kg	{Weight}

Mounting dimensions

d <sub>a</sub>	[54] mm	diameter shaft shoulder
D <sub>a</sub>	[91] mm	diameter of housing shoulder
r <sub>a1 max</sub>	[1,5] mm	Maximum recess radius

Dimensions

r <sub>1 min</sub>	[1,5] mm	Minimum chamfer dimension
s <sub>1</sub>	[1] mm	Axial displacement
E	[88,5] mm	Raceway diameter outer ring

Temperature range

T <sub>min</sub>	[-30] °C	Operating temperature min.
T <sub>max</sub>	[120] °C	Operating temperature max.