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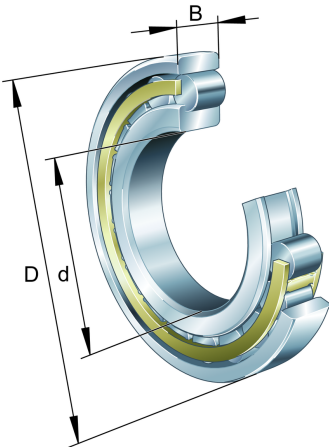
N234-E-XL-M1-C3

Cylindrical roller bearing

Schaeffler ID:
0192181330030

Cylindrical roller bearing N2..-M1, with cage, single row, non-locating bearing, 0 ribs on outer ring, 2 rib on inner ring, type N2

Technical information



Main Dimensions & Performance Data

d	170 mm	Bore diameter
D	310 mm	Outside diameter
B	52 mm	Width
C _r	700.000 N	Basic dynamic load rating, radial
C _{0r}	780.000 N	Basic static load rating, radial
C _{ur}	118.000 N	Fatigue load limit, radial
n _{G Grease}	3.300 1/min	Limiting speed for grease lubrication
n _{G Oil}	3.850 1/min	Limiting speed for oil lubrication
≈m	18,154 kg	Weight

Mounting dimensions

d _a	187 mm	diameter shaft shoulder
D _a	293 mm	diameter of housing shoulder
r _{a1 max}	3 mm	Maximum recess radius

Dimensions

r _{1 min}	4 mm	Minimum chamfer dimension
s ₁	4,3 mm	Axial displacement
E	279 mm	Raceway diameter outer ring

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	150 °C	Operating temperature max.