

FAG

★ N320-E-XL-M1

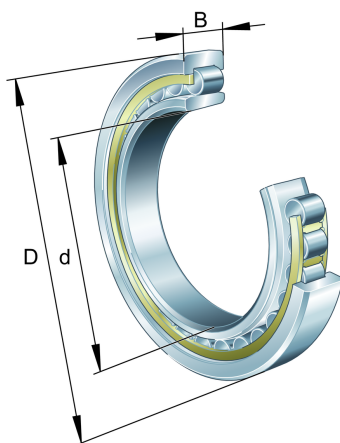
Cylindrical roller bearing

Schaeffler ID:
019218800000

★ Preferred product

Cylindrical roller bearing N3..-E-M1, 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}	150 °C	Operating temperature max.
	8,355 kg	Weight

Main Dimensions & Performance Data

d	100 mm	Bore diameter
D	215 mm	Outside diameter
B	47 mm	Width
C_r	450.000 N	Basic dynamic load rating, radial
C_{0r}	425.000 N	Basic static load rating, radial
C_{ur}	72.000 N	Fatigue load limit, radial
$n_{G \text{ Grease}}$	4.100 1/min	Limiting speed for grease lubrication
$n_{G \text{ Oil}}$	4.850 1/min	Limiting speed for oil lubrication

Dimensions

$r_{1 \min}$	3 mm	Minimum chamfer dimension
s_1	1,2 mm	Axial displacement
E	191,5 mm	Raceway diameter outer ring

Mounting dimensions

$d_{a \min}$	114 mm	Minimum diameter shaft shoulder
$D_{a \max}$	201 mm	Maximum diameter of housing shoulder
$r_{a1 \max}$	2,5 mm	Maximum recess radius