



FAG

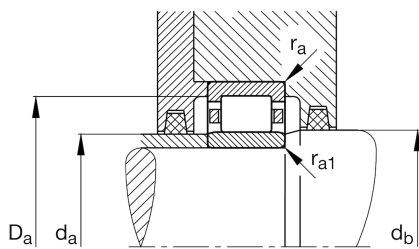
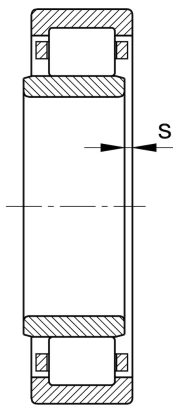
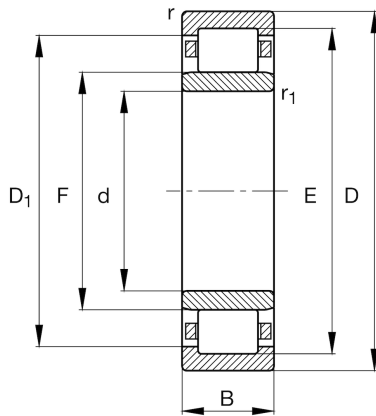
NU240-E-M1

Cylindrical roller bearing

Schaeffler ID:
0167395740000

Cylindrical roller bearing NU..-E-M1, with cage, single row, non-locating bearing, 2 ribs on outer ring, 0 ribs on inner ring (smooth), type NU

Technical information



Main Dimensions & Performance Data

d	200 mm	Bore diameter
D	360 mm	Outside diameter
B	58 mm	Width
C_r	750,000 N	Basic dynamic load rating, radial
C_{0r}	1,040,000 N	Basic static load rating, radial
C_{ur}	92,000 N	Fatigue load limit, radial
n_G	2,900 1/min	Limiting speed
n_{gr}	1,600 1/min	Reference speed
	26.42 kg	Weight

Dimensions

r_{min}	4 mm	Minimum chamfer dimension
$r_{1 min}$	4 mm	Minimum chamfer dimension
s	4.8 mm	Axial displacement
E	323 mm	Raceway diameter outer ring
F	243 mm	Raceway diameter inner ring
$D_{1 min}$	311.5 mm	Minimum rib diameter outer ring

Mounting dimensions

$d_{a min}$	217 mm	Minimum diameter shaft shoulder
$d_{a max}$	240 mm	Maximum diameter of shaft shoulder
$d_{b min}$	247 mm	Minimum shaft shoulder
$D_{a max}$	343 mm	Maximum diameter of housing shoulder
$r_{a max}$	3 mm	Maximum recess radius
$r_{a1 max}$	3 mm	Maximum recess radius

Temperature range

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