

NU1819M3

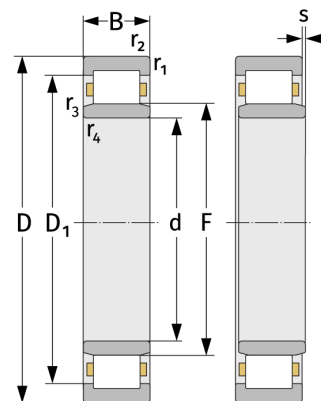
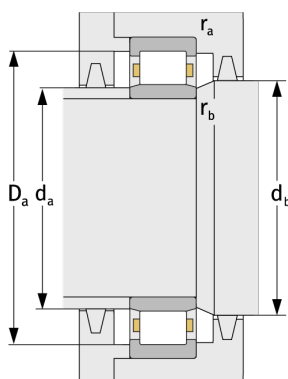
Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	95	D_1 [mm]	≈ 111.9
D [mm]	120	$r_{1,2}$ [mm]	1
B [mm]	13	$r_{3,4}$ [mm]	0.6
Weight [kg]	≈ 0.325	s [mm]	2.1
F [mm]	101.5		



Mating dimensions

$d_{a, \min}$ [mm]	99.6
$d_{a, \max}$ [mm]	100
$d_{b, \min}$ [mm]	104
$D_{a, \max}$ [mm]	115.4
$r_{a, \max}$ [mm]	1
$r_{b, \max}$ [mm]	0.6

Calculation data

C [kN]	38.3
C_0 [kN]	59.8
C_u [kN]	7.96
n_{th} [min^{-1}]	3616
n_g [min^{-1}]	6800