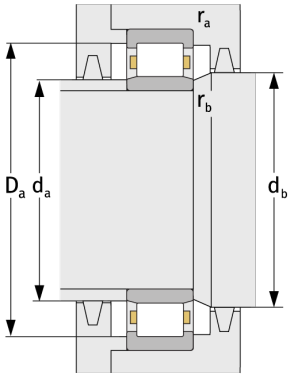
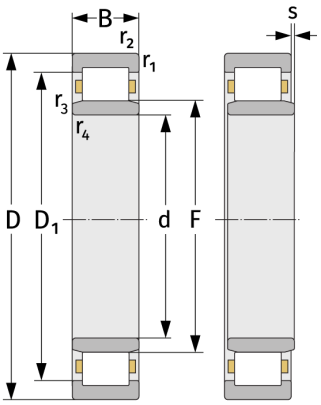
NU1018M3

Cylindrical Roller Bearings (single row, with cage)

Details:

Main dimensions			
d [mm]	90	D_1 [mm]	≈ 122.2
D [mm]	140	$r_{1,2}$ [mm]	1.5
B [mm]	24	$r_{3,4}$ [mm]	1.1
Weight [kg]	≈ 1	s [mm]	3.8
F [mm]	103		





Mating dimensions	
$d_{a,\,min}$ [mm]	97
$d_{a,\,max}$ [mm]	101
$d_{b,\,min}$ [mm]	106
$D_{a,\,max}$ [mm]	133
$r_{a,\,max}$ [mm]	1.5
$r_{b,\,max}$ [mm]	1

Calculation data	
C [kN]	94.4
C_0 [kN]	125
C_u [kN]	16.3
n_{th} [min^{-1}]	4555
n_g [min^{-1}]	6300