

NUP218E.M3

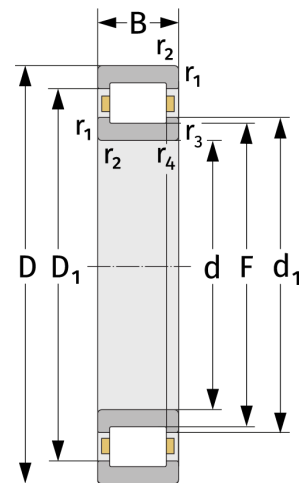
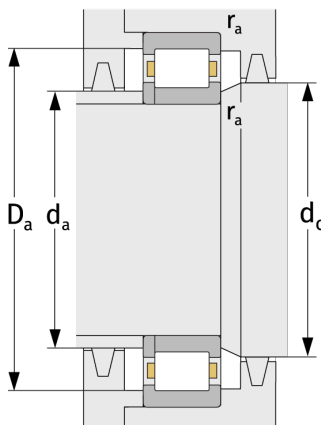
Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	90	d_1 [mm]	≈ 114.6
D [mm]	160	D_1 [mm]	≈ 137.4
B [mm]	30	$r_{1,2}$ [mm]	2
Weight [kg]	≈ 2.73	$r_{3,4}$ [mm]	2
F [mm]	107	s [mm]	2.5



Mating dimensions

$d_{a, \min}$ [mm]	101
$d_{c, \min}$ [mm]	116
$D_{a, \max}$ [mm]	149
$r_{a, \max}$ [mm]	2

Calculation data

C [kN]	187
C_0 [kN]	225
C_u [kN]	28.6
n_{th} [min^{-1}]	3884
n_g [min^{-1}]	5800