

# NUP3916E.M3

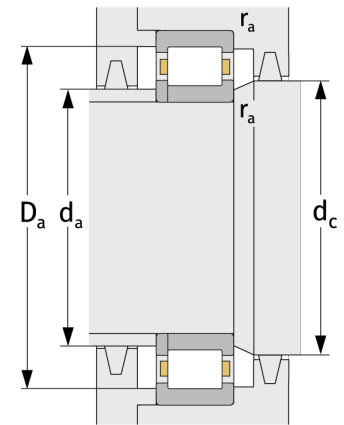
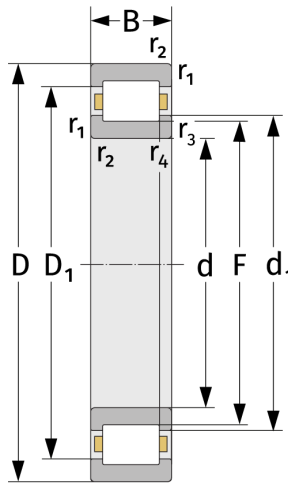
Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	80	$d_1$ [mm]	≈ 90.7
D [mm]	110	$D_1$ [mm]	≈ 100.3
B [mm]	23	$r_{1,2}$ [mm]	1
Weight [kg]	≈ 0.688	$r_{3,4}$ [mm]	0.6
F [mm]	87.5	s [mm]	1.4



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	84.6	C [kN]	89.6
$d_{c, \min}$ [mm]	93	$C_0$ [kN]	148
$D_{a, \max}$ [mm]	105.4	$C_u$ [kN]	19.3
$r_{a, \max}$ [mm]	1	$n_{th}$ [min <sup>-1</sup> ]	4338
		$n_g$ [min <sup>-1</sup> ]	7700