

# NUP314E.M3

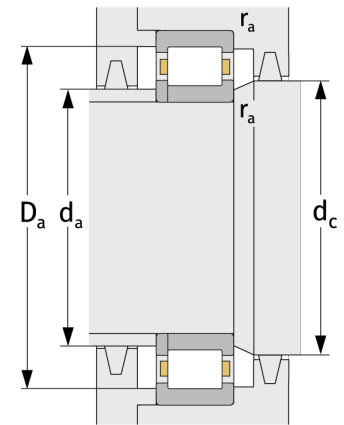
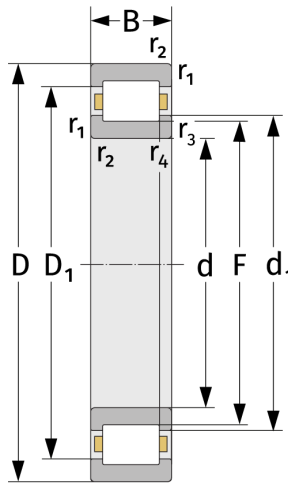
Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	70	$d_1$ [mm]	$\approx 97.8$
D [mm]	150	$D_1$ [mm]	$\approx 124.2$
B [mm]	35	$r_{1,2}$ [mm]	2.1
Weight [kg]	$\approx 3.21$	$r_{3,4}$ [mm]	2.1
F [mm]	89	s [mm]	3.4



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	82	C [kN]	208
$d_{c, \min}$ [mm]	100	$C_0$ [kN]	227
$D_{a, \max}$ [mm]	138	$C_u$ [kN]	29.9
$r_{a, \max}$ [mm]	2.1	$n_{th}$ [ $\text{min}^{-1}$ ]	4525
		$n_g$ [ $\text{min}^{-1}$ ]	6600