

# NU420M3

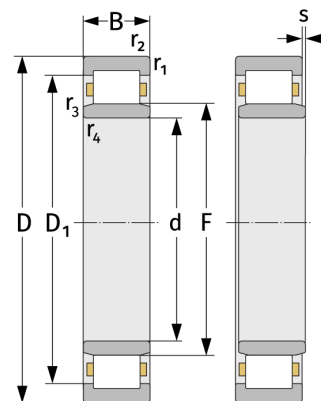
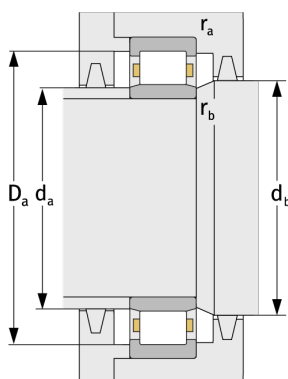
Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	100	$D_1$ [mm]	$\approx 196.6$
D [mm]	250	$r_{1,2}$ [mm]	4
B [mm]	58	$r_{3,4}$ [mm]	4
Weight [kg]	$\approx 15.5$	s [mm]	3.3
F [mm]	139		



### Mating dimensions

$d_{a, \min}$ [mm]	120
$d_{a, \max}$ [mm]	137
$d_{b, \min}$ [mm]	141
$D_{a, \max}$ [mm]	230
$r_{a, \max}$ [mm]	3
$r_{b, \max}$ [mm]	3

### Calculation data

C [kN]	483
$C_0$ [kN]	550
$C_u$ [kN]	63.8
$n_{th}$ [ $\text{min}^{-1}$ ]	2921
$n_g$ [ $\text{min}^{-1}$ ]	4100