

# NU2820M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	100	$D_1$ [mm]	$\approx 116.9$
D [mm]	125	$r_{1,2}$ [mm]	1
B [mm]	16	$r_{3,4}$ [mm]	0.6
Weight [kg]	$\approx 0.44$	s [mm]	2
F [mm]	106.5		



### Mating dimensions

$d_{a, \min}$ [mm]	104.6
$d_{a, \max}$ [mm]	105
$d_{b, \min}$ [mm]	109
$D_{a, \max}$ [mm]	120.4
$r_{a, \max}$ [mm]	1
$r_{b, \max}$ [mm]	0.6

### Calculation data

C [kN]	54
$C_0$ [kN]	94.3
$C_u$ [kN]	12.4
$n_{th}$ [ $\text{min}^{-1}$ ]	3455
$n_g$ [ $\text{min}^{-1}$ ]	6500