

# NU319E.M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	95	$D_1$ [mm]	$\approx 166.3$
D [mm]	200	$r_{1,2}$ [mm]	3
B [mm]	45	$r_{3,4}$ [mm]	3
Weight [kg]	$\approx 7.01$	s [mm]	4.7
F [mm]	121.5		



### Mating dimensions

$d_{a, \min}$ [mm]	109
$d_{a, \max}$ [mm]	119
$d_{b, \min}$ [mm]	124
$D_{a, \max}$ [mm]	186
$r_{a, \max}$ [mm]	2.5
$r_{b, \max}$ [mm]	2.5

### Calculation data

C [kN]	340
$C_0$ [kN]	393
$C_u$ [kN]	47.7
$n_{th}$ [ $\text{min}^{-1}$ ]	3548
$n_g$ [ $\text{min}^{-1}$ ]	4800