

# NUP1918E.M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	90	$d_1$ [mm]	$\approx 102.6$
D [mm]	125	$D_1$ [mm]	$\approx 113.4$
B [mm]	18	$r_{1,2}$ [mm]	1.1
Weight [kg]	$\approx 0.687$	$r_{3,4}$ [mm]	1
F [mm]	99	s [mm]	1.5



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	96	C [kN]	67.6
$d_{c, \min}$ [mm]	105	$C_0$ [kN]	98.1
$D_{a, \max}$ [mm]	119	$C_u$ [kN]	13.1
$r_{a, \max}$ [mm]	1	$n_{th}$ [ $\text{min}^{-1}$ ]	4187
		$n_g$ [ $\text{min}^{-1}$ ]	6800