

# NUP2944E.M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	220	$d_1$ [mm]	$\approx 248.4$
D [mm]	300	$D_1$ [mm]	$\approx 273.6$
B [mm]	48	$r_{1,2}$ [mm]	2.1
Weight [kg]	$\approx 10.5$	$r_{3,4}$ [mm]	1.5
F [mm]	240	s [mm]	3



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	230.2	C [kN]	462
$d_{c, \min}$ [mm]	252	$C_0$ [kN]	855
$D_{a, \max}$ [mm]	289.8	$C_u$ [kN]	88.3
$r_{a, \max}$ [mm]	2.1	$n_{th}$ [ $\text{min}^{-1}$ ]	1722
		$n_g$ [ $\text{min}^{-1}$ ]	2700