

# NU2844M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	220	$D_1$ [mm]	$\approx 252.8$
D [mm]	270	$r_{1,2}$ [mm]	1.5
B [mm]	30	$r_{3,4}$ [mm]	1.1
Weight [kg]	$\approx 3.7$	s [mm]	3.8
F [mm]	232		



### Mating dimensions

$d_{a, \min}$ [mm]	227
$d_{a, \max}$ [mm]	230
$d_{b, \min}$ [mm]	234
$D_{a, \max}$ [mm]	263
$r_{a, \max}$ [mm]	1.5
$r_{b, \max}$ [mm]	1

### Calculation data

C [kN]	233
$C_0$ [kN]	489
$C_u$ [kN]	51.5
$n_{th}$ [ $\text{min}^{-1}$ ]	1749
$n_g$ [ $\text{min}^{-1}$ ]	2900