

# NU344E.M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	220	$D_1$ [mm]	$\approx 381.2$
D [mm]	460	$r_{1,2}$ [mm]	5
B [mm]	88	$r_{3,4}$ [mm]	5
Weight [kg]	$\approx 74$	s [mm]	5.7
F [mm]	282		



### Mating dimensions

$d_{a, \min}$ [mm]	240
$d_{a, \max}$ [mm]	279
$d_{b, \min}$ [mm]	285
$D_{a, \max}$ [mm]	440
$r_{a, \max}$ [mm]	4
$r_{b, \max}$ [mm]	4

### Calculation data

C [kN]	1490
$C_0$ [kN]	1960
$C_u$ [kN]	187
$n_{th}$ [ $\text{min}^{-1}$ ]	1135
$n_g$ [ $\text{min}^{-1}$ ]	2000