

# NU3988E.M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	440	$D_1$ [mm]	$\approx 547.2$
D [mm]	600	$r_{1,2}$ [mm]	4
B [mm]	118	$r_{3,4}$ [mm]	4
Weight [kg]	$\approx 101$	s [mm]	6.2
F [mm]	480		



### Mating dimensions

$d_{a, \min}$ [mm]	454.6
$d_{a, \max}$ [mm]	476
$d_{b, \min}$ [mm]	484
$D_{a, \max}$ [mm]	585.4
$r_{a, \max}$ [mm]	3
$r_{b, \max}$ [mm]	3

### Calculation data

C [kN]	2100
$C_0$ [kN]	4580
$C_u$ [kN]	389
$n_{th}$ [ $\text{min}^{-1}$ ]	568
$n_g$ [ $\text{min}^{-1}$ ]	1300