

# NU3996E.M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	480	$D_1$ [mm]	≈ 595
D [mm]	650	$r_{1,2}$ [mm]	5
B [mm]	128	$r_{3,4}$ [mm]	5
Weight [kg]	≈ 126	s [mm]	6.7
F [mm]	523		



### Mating dimensions

$d_{a, \min}$ [mm]	498
$d_{a, \max}$ [mm]	519
$d_{b, \min}$ [mm]	527
$D_{a, \max}$ [mm]	632
$r_{a, \max}$ [mm]	4
$r_{b, \max}$ [mm]	4

### Calculation data

C [kN]	2420
$C_0$ [kN]	5400
$C_u$ [kN]	447
$n_{th}$ [ $\text{min}^{-1}$ ]	502
$n_g$ [ $\text{min}^{-1}$ ]	1100