

# NU1080M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	400	$D_1$ [mm]	≈ 530
D [mm]	600	$r_{1,2}$ [mm]	5
B [mm]	90	$r_{3,4}$ [mm]	5
Weight [kg]	≈ 87.7	s [mm]	12.5
F [mm]	450		



### Mating dimensions

$d_{a, \min}$ [mm]	418
$d_{a, \max}$ [mm]	445
$d_{b, \min}$ [mm]	455
$D_{a, \max}$ [mm]	582
$r_{a, \max}$ [mm]	4
$r_{b, \max}$ [mm]	4

### Calculation data

C [kN]	1430
$C_0$ [kN]	2420
$C_u$ [kN]	208
$n_{th}$ [ $\text{min}^{-1}$ ]	963
$n_g$ [ $\text{min}^{-1}$ ]	1300