

# NU1911E.M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	55	$D_1$ [mm]	≈ 71.9
D [mm]	80	$r_{1,2}$ [mm]	1
B [mm]	13	$r_{3,4}$ [mm]	0.6
Weight [kg]	≈ 0.208	s [mm]	11.2
F [mm]	61.5		



### Mating dimensions

### Calculation data

$d_{a, \min}$ [mm]	59.6	C [kN]	31.9
$d_{a, \max}$ [mm]	60	$C_0$ [kN]	40.1
$d_{b, \min}$ [mm]	63	$C_u$ [kN]	5.27
$D_{a, \max}$ [mm]	75.4	$n_{th}$ [ $\text{min}^{-1}$ ]	6200
$r_{a, \max}$ [mm]	1	$n_g$ [ $\text{min}^{-1}$ ]	11000
$r_{b, \max}$ [mm]	0.6		