

# NU1811M3

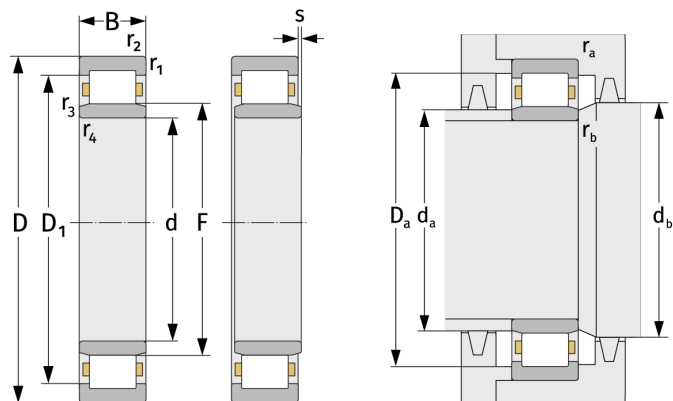
Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	55	$D_1$ [mm]	≈ 66.4
D [mm]	72	$r_{1,2}$ [mm]	0.3
B [mm]	9	$r_{3,4}$ [mm]	0.2
Weight [kg]	≈ 0.091	s [mm]	1.5
F [mm]	60		



### Mating dimensions

### Calculation data

$d_{a, \min}$ [mm]	57	C [kN]	13.6
$d_{a, \max}$ [mm]	59	$C_0$ [kN]	18.6
$d_{b, \min}$ [mm]	62	$C_u$ [kN]	2.43
$D_{a, \max}$ [mm]	70	$n_{th}$ [ $\text{min}^{-1}$ ]	5657
$r_{a, \max}$ [mm]	0.3	$n_g$ [ $\text{min}^{-1}$ ]	12000
$r_{b, \max}$ [mm]	0.2		