

# NU209E.M3

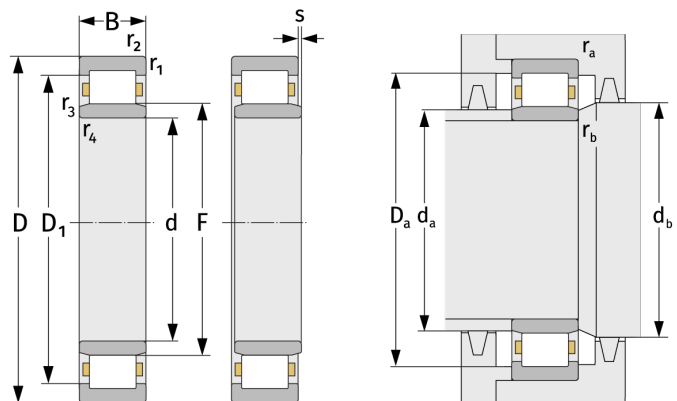
Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	45	$D_1$ [mm]	$\approx 72.1$
D [mm]	85	$r_{1,2}$ [mm]	1.1
B [mm]	19	$r_{3,4}$ [mm]	1.1
Weight [kg]	$\approx 0.484$	s [mm]	1.9
F [mm]	54.5		



### Mating dimensions

Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	52	C [kN]	63.3
$d_{a, \max}$ [mm]	54	$C_0$ [kN]	66.5
$d_{b, \min}$ [mm]	57	$C_u$ [kN]	8.73
$D_{a, \max}$ [mm]	78	$n_{th}$ [ $\text{min}^{-1}$ ]	6978
$r_{a, \max}$ [mm]	1	$n_g$ [ $\text{min}^{-1}$ ]	12000
$r_{b, \max}$ [mm]	1		