

NJ1909E.M3

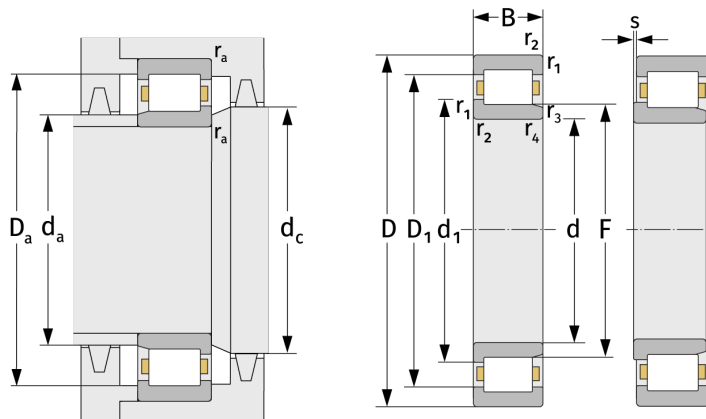
Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	45	D_1 [mm]	≈ 60.3
D [mm]	68	$r_{1,2}$ [mm]	0.6
B [mm]	12	$r_{3,4}$ [mm]	0.3
F [mm]	51.5	s [mm]	1.2
d_1 [mm]	≈ 53.7		



Mating dimensions

$d_{a, \min}$ [mm]	48.2
$d_{a, \max}$ [mm]	50
$d_{b, \min}$ [mm]	53
$d_{c, \min}$ [mm]	55
$D_{a, \max}$ [mm]	64.8
$r_{a, \max}$ [mm]	0.6

Calculation data

C [kN]	22.6
C_0 [kN]	27.3
C_u [kN]	3.59
n_{th} [min^{-1}]	7441
n_g [min^{-1}]	13000