

NJ2809M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	45	d_1 [mm]	≈ 50.2
D [mm]	58	D_1 [mm]	≈ 53.8
B [mm]	8	$r_{1,2}$ [mm]	0.3
Weight [kg]	≈ 0.054	$r_{3,4}$ [mm]	0.2
F [mm]	49	s [mm]	1



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	47	C [kN]	10.6
$d_{a, \max}$ [mm]	48	C_0 [kN]	15.4
$d_{b, \min}$ [mm]	51	C_u [kN]	2.01
$d_{c, \min}$ [mm]	52	n_{th} [min^{-1}]	6441
$D_{a, \max}$ [mm]	56	n_g [min^{-1}]	15000
$r_{a, \max}$ [mm]	0.3		