

NJ1008M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	40	d_1 [mm]	≈ 49.8
D [mm]	68	D_1 [mm]	≈ 58.2
B [mm]	15	$r_{1,2}$ [mm]	1
Weight [kg]	≈ 0.218	$r_{3,4}$ [mm]	0.6
F [mm]	47	s [mm]	1.5



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	44.6	C [kN]	26.9
$d_{a, \max}$ [mm]	46	C_0 [kN]	28.3
$d_{b, \min}$ [mm]	49	C_u [kN]	3.71
$d_{c, \min}$ [mm]	51	n_{th} [min^{-1}]	8981
$D_{a, \max}$ [mm]	63.4	n_g [min^{-1}]	14000
$r_{a, \max}$ [mm]	1		