

NU1810M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	50	D_1 [mm]	≈ 60.4
D [mm]	65	$r_{1,2}$ [mm]	0.3
B [mm]	7	$r_{3,4}$ [mm]	0.2
Weight [kg]	≈ 0.057	s [mm]	1
F [mm]	54		



Mating dimensions

Calculation data

$d_{a, \min}$ [mm]	52	C [kN]	12.9
$d_{a, \max}$ [mm]	53	C_0 [kN]	16.8
$d_{b, \min}$ [mm]	56	C_u [kN]	2.2
$D_{a, \max}$ [mm]	63	n_{th} [min^{-1}]	5429
$r_{a, \max}$ [mm]	0.3	n_g [min^{-1}]	13000
$r_{b, \max}$ [mm]	0.2		