

NUP2019E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	95	d_1 [mm]	≈ 112.6
D [mm]	145	D_1 [mm]	≈ 129.4
B [mm]	30	$r_{1,2}$ [mm]	1.5
Weight [kg]	≈ 1.86	$r_{3,4}$ [mm]	1.1
F [mm]	107	s [mm]	2



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	102	C [kN]	166
$d_{c, \min}$ [mm]	115	C_0 [kN]	236
$D_{a, \max}$ [mm]	138	C_u [kN]	30.4
$r_{a, \max}$ [mm]	1.5	n_{th} [min^{-1}]	3944
		n_g [min^{-1}]	6000