

NUP2017E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	85	d_1 [mm]	≈ 100.8
D [mm]	130	D_1 [mm]	≈ 115.2
B [mm]	27	$r_{1,2}$ [mm]	1.1
Weight [kg]	≈ 1.36	$r_{3,4}$ [mm]	1
F [mm]	96	s [mm]	2



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	91	C [kN]	130
$d_{c, \min}$ [mm]	103	C_0 [kN]	184
$D_{a, \max}$ [mm]	124	C_u [kN]	24.4
$r_{a, \max}$ [mm]	1	n_{th} [min^{-1}]	4338
		n_g [min^{-1}]	6800