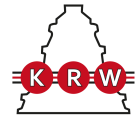


NU1821M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	105	D_1 [mm]	≈ 121.9
D [mm]	130	$r_{1,2}$ [mm]	1
B [mm]	13	$r_{3,4}$ [mm]	0.6
Weight [kg]	≈ 0.355	s [mm]	2.1
F [mm]	111.5		



Mating dimensions

$d_{a, \min}$ [mm]	109.6
$d_{a, \max}$ [mm]	110
$d_{b, \min}$ [mm]	114
$D_{a, \max}$ [mm]	125.4
$r_{a, \max}$ [mm]	1
$r_{b, \max}$ [mm]	0.6

Calculation data

C [kN]	40.5
C_0 [kN]	66.3
C_u [kN]	8.6
n_{th} [min^{-1}]	3251
n_g [min^{-1}]	6200