

NU31/530M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	530	D_1 [mm]	≈ 763
D [mm]	870	$r_{1,2}$ [mm]	7.5
B [mm]	272	$r_{3,4}$ [mm]	7.5
Weight [kg]	≈ 654	s [mm]	23.5
F [mm]	611		



Mating dimensions

$d_{a, \min}$ [mm]	562
$d_{a, \max}$ [mm]	605
$d_{b, \min}$ [mm]	616
$D_{a, \max}$ [mm]	838
$r_{a, \max}$ [mm]	6
$r_{b, \max}$ [mm]	6

Calculation data

C [kN]	7050
C_0 [kN]	13400
C_u [kN]	1043
n_{th} [min^{-1}]	328
n_g [min^{-1}]	840