

NU18/530M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	530	D_1 [mm]	≈ 608.8
D [mm]	650	$r_{1,2}$ [mm]	3
B [mm]	56	$r_{3,4}$ [mm]	3
Weight [kg]	≈ 38	s [mm]	8.5
F [mm]	564		



Mating dimensions

$d_{a, \min}$ [mm]	542.4
$d_{a, \max}$ [mm]	560
$d_{b, \min}$ [mm]	568
$D_{a, \max}$ [mm]	637.6
$r_{a, \max}$ [mm]	2.5
$r_{b, \max}$ [mm]	2.5

Calculation data

C [kN]	760
C_0 [kN]	1740
C_u [kN]	143
n_{th} [min^{-1}]	712
n_g [min^{-1}]	1100