

NU18/500M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	500	D_1 [mm]	≈ 578.8
D [mm]	620	$r_{1,2}$ [mm]	3
B [mm]	56	$r_{3,4}$ [mm]	3
Weight [kg]	≈ 36	s [mm]	8.5
F [mm]	534		



Mating dimensions

$d_{a, \min}$ [mm]	512.4
$d_{a, \max}$ [mm]	530
$d_{b, \min}$ [mm]	538
$D_{a, \max}$ [mm]	607.6
$r_{a, \max}$ [mm]	2.5
$r_{b, \max}$ [mm]	2.5

Calculation data

C [kN]	735
C_0 [kN]	1650
C_u [kN]	137
n_{th} [min^{-1}]	767
n_g [min^{-1}]	1200