

NU10/500M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	500	D_1 [mm]	≈ 642.4
D [mm]	720	$r_{1,2}$ [mm]	6
B [mm]	100	$r_{3,4}$ [mm]	6
Weight [kg]	≈ 131	s [mm]	14
F [mm]	556		



Mating dimensions

$d_{a, \min}$ [mm]	523
$d_{a, \max}$ [mm]	550
$d_{b, \min}$ [mm]	562
$D_{a, \max}$ [mm]	697
$r_{a, \max}$ [mm]	5
$r_{b, \max}$ [mm]	5

Calculation data

C [kN]	1810
C_0 [kN]	3320
C_u [kN]	269
n_{th} [min^{-1}]	739
n_g [min^{-1}]	1100