

NUP10/500M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	500	d_1 [mm]	≈ 577.6
D [mm]	720	D_1 [mm]	≈ 642.4
B [mm]	100	$r_{1,2}$ [mm]	6
Weight [kg]	≈ 138	$r_{3,4}$ [mm]	6
F [mm]	556	s [mm]	14



Mating dimensions

$d_{a, \min}$ [mm]	523
$d_{c, \min}$ [mm]	582
$D_{a, \max}$ [mm]	697
$r_{a, \max}$ [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