

NU22/500E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	500	D_1 [mm]	≈ 780
D [mm]	920	$r_{1,2}$ [mm]	7.5
B [mm]	243	$r_{3,4}$ [mm]	7.5
Weight [kg]	≈ 748	s [mm]	17
F [mm]	604		



Mating dimensions

$d_{a, \min}$ [mm]	532
$d_{a, \max}$ [mm]	600
$d_{b, \min}$ [mm]	608
$D_{a, \max}$ [mm]	888
$r_{a, \max}$ [mm]	6
$r_{b, \max}$ [mm]	6

Calculation data

C [kN]	6900
C_0 [kN]	11800
C_u [kN]	914
n_{th} [min^{-1}]	302
n_g [min^{-1}]	830