

# NU19/500E.M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	500	$D_1$ [mm]	≈ 615
D [mm]	670	$r_{1,2}$ [mm]	5
B [mm]	78	$r_{3,4}$ [mm]	5
Weight [kg]	≈ 74.9	s [mm]	6
F [mm]	543		



### Mating dimensions

$d_{a, \min}$ [mm]	518
$d_{a, \max}$ [mm]	539
$d_{b, \min}$ [mm]	547
$D_{a, \max}$ [mm]	652
$r_{a, \max}$ [mm]	4
$r_{b, \max}$ [mm]	4

### Calculation data

C [kN]	1390
$C_0$ [kN]	2670
$C_u$ [kN]	219
$n_{th}$ [ $\text{min}^{-1}$ ]	739
$n_g$ [ $\text{min}^{-1}$ ]	1100