

NU31/500M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	500	D_1 [mm]	≈ 725
D [mm]	830	$r_{1,2}$ [mm]	7.5
B [mm]	264	$r_{3,4}$ [mm]	7.5
Weight [kg]	≈ 584	s [mm]	24
F [mm]	581		



Mating dimensions

$d_{a, \min}$ [mm]	532
$d_{a, \max}$ [mm]	576
$d_{b, \min}$ [mm]	586
$D_{a, \max}$ [mm]	798
$r_{a, \max}$ [mm]	6
$r_{b, \max}$ [mm]	6

Calculation data

C [kN]	6400
C_0 [kN]	12100
C_u [kN]	949
n_{th} [min^{-1}]	361
n_g [min^{-1}]	900