

NU1876M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	380	D_1 [mm]	≈ 445.9
D [mm]	480	$r_{1,2}$ [mm]	2.1
B [mm]	46	$r_{3,4}$ [mm]	2.1
Weight [kg]	≈ 19.2	s [mm]	6.5
F [mm]	407.5		



Mating dimensions

$d_{a, \min}$ [mm]	390.2
$d_{a, \max}$ [mm]	404
$d_{b, \min}$ [mm]	411
$D_{a, \max}$ [mm]	469.8
$r_{a, \max}$ [mm]	2.1
$r_{b, \max}$ [mm]	2.1

Calculation data

C [kN]	520
C_0 [kN]	1080
C_u [kN]	96.2
n_{th} [min^{-1}]	1053
n_g [min^{-1}]	1600