

NU1830M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	150	D_1 [mm]	≈ 176
D [mm]	190	$r_{1,2}$ [mm]	1.1
B [mm]	20	$r_{3,4}$ [mm]	0.6
Weight [kg]	≈ 1.29	s [mm]	3
F [mm]	160		



Mating dimensions

$d_{a, \min}$ [mm]	156
$d_{a, \max}$ [mm]	158
$d_{b, \min}$ [mm]	162
$D_{a, \max}$ [mm]	184
$r_{a, \max}$ [mm]	1
$r_{b, \max}$ [mm]	0.6

Calculation data

C [kN]	94.5
C_0 [kN]	164
C_u [kN]	19.2
n_{th} [min^{-1}]	2604
n_g [min^{-1}]	4200