

N1956E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	280	d_1 [mm]	≈ 316.4
D [mm]	380	$r_{1,2}$ [mm]	2.1
B [mm]	46	$r_{3,4}$ [mm]	1.5
Weight [kg]	≈ 14.9	s [mm]	3.6
E [mm]	358		



Mating dimensions

$d_{a, \min}$ [mm]	290.2
$D_{b, \min}$ [mm]	361
$D_{c, \max}$ [mm]	355
$r_{a, \max}$ [mm]	2.1
$r_{b, \max}$ [mm]	1.5

Calculation data

C [kN]	530
C_0 [kN]	950
C_u [kN]	91.5
n_{th} [min^{-1}]	1465
n_g [min^{-1}]	2100