

N216E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	80	d_1 [mm]	≈ 101.7
D [mm]	140	$r_{1,2}$ [mm]	2
B [mm]	26	$r_{3,4}$ [mm]	2
Weight [kg]	≈ 1.69	s [mm]	2.2
E [mm]	127.3		



Mating dimensions

Mating dimensions	Calculation data
$d_{a, \min}$ [mm]	91 C [kN] 143
$D_{b, \min}$ [mm]	129 C_0 [kN] 172
$D_{c, \max}$ [mm]	126 C_u [kN] 22.6
$r_{a, \max}$ [mm]	2 n_{th} [min^{-1}] 4236
$r_{b, \max}$ [mm]	2 n_g [min^{-1}] 6600