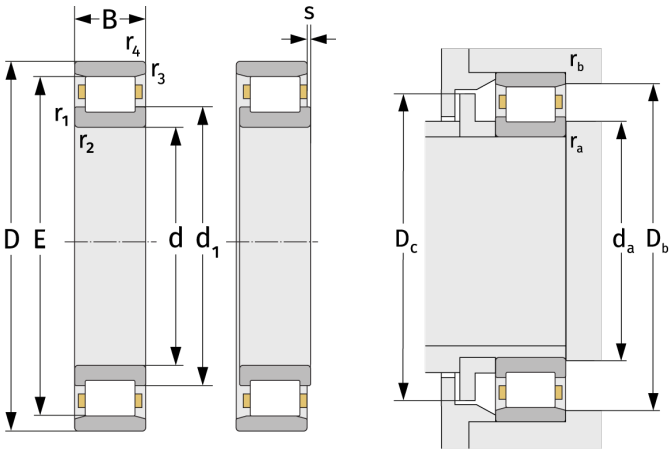
N310E.M3

Cylindrical Roller Bearings (single row, with cage)

Details:

Main dimensions			
d [mm]	50	d_1 [mm]	≈ 71.4
D [mm]	110	$r_{1,2}$ [mm]	2
B [mm]	27	$r_{3,4}$ [mm]	2
Weight [kg]	≈ 1	s [mm]	2.6
E [mm]	97		



Mating dimensions		Calculation data	
$d_{a,\,min}$ [mm]	61	C [kN]	113
$D_{b,\,min}$ [mm]	99	C_0 [kN]	117
$D_{c,\,max}$ [mm]	95	C_u [kN]	15.2
$r_{a,\,max}$ [mm]	2	n_{th} [min^{-1}]	6077
$r_{b,\,max}$ [mm]	2	n_g [min^{-1}]	9100