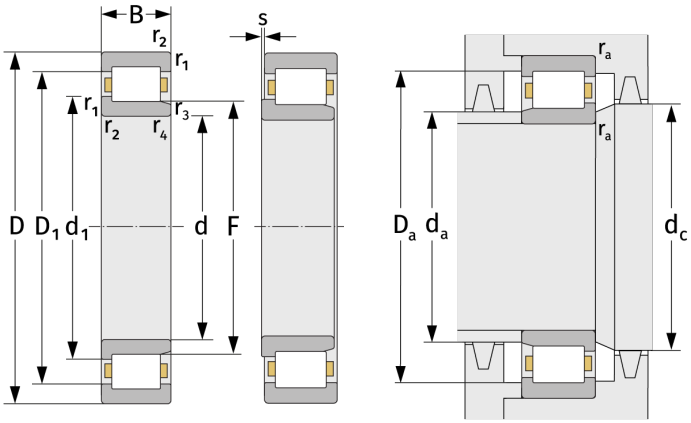
NJ1914E.M3

Cylindrical Roller Bearings (single row, with cage)

Details:

Main dimensions			
d [mm]	70	D_1 [mm]	≈ 90.3
D [mm]	100	$r_{1,2}$ [mm]	1
B [mm]	16	$r_{3,4}$ [mm]	0.6
F [mm]	77.5	s [mm]	1.4
d_1 [mm]	≈ 80.7		



Mating dimensions		Calculation data	
$d_{a,\,min}$ [mm]	74.6	C [kN]	52.2
$d_{a,\,max}$ [mm]	76	C_0 [kN]	70.7
$d_{b,\,min}$ [mm]	80	C_u [kN]	9.28
$d_{c,\,min}$ [mm]	83	n_{th} [min^{-1}]	5170
$D_{a,\,max}$ [mm]	95.4	n_g [min^{-1}]	8600
$r_{a,\,max}$ [mm]	1		