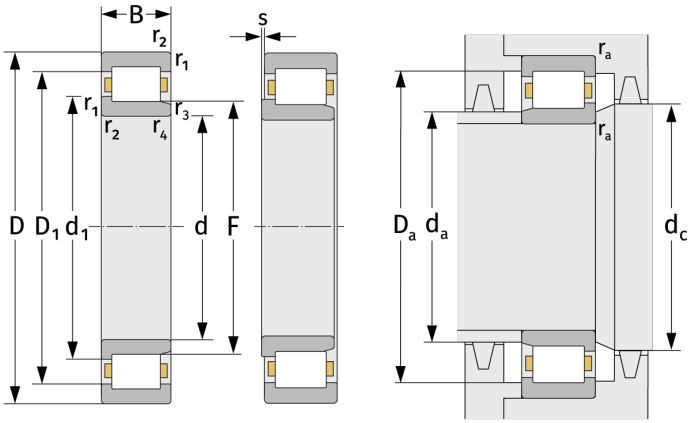
NJ3916E.M3

Cylindrical Roller Bearings (single row, with cage)

Details:

Main dimensions			
d [mm]	80	D_1 [mm]	≈ 100.3
D [mm]	110	$r_{1,2}$ [mm]	1
B [mm]	23	$r_{3,4}$ [mm]	0.6
F [mm]	87.5	s [mm]	1.4
d_1 [mm]	≈ 90.7		



Mating dimensions		Calculation data	
$d_{a, min}$ [mm]	84.6	C [kN]	89.6
$d_{a, max}$ [mm]	86	C_0 [kN]	148
$d_{b, min}$ [mm]	90	C_u [kN]	19.3
$d_{c, min}$ [mm]	93	n_{th} [min^{-1}]	4338
$D_{a, max}$ [mm]	105.4	n_g [min^{-1}]	7700
$r_{a, max}$ [mm]	1		