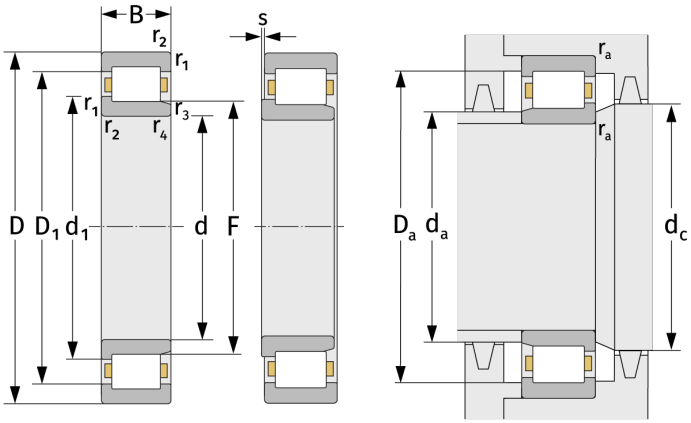
NJ18/1000M3

Cylindrical Roller Bearings (single row, with cage)

Details:

Main dimensions			
d [mm]	1000	d_1 [mm]	≈ 1080.4
D [mm]	1220	D_1 [mm]	≈ 1147.6
B [mm]	100	$r_{1,2}$ [mm]	6
Weight [kg]	≈ 243	$r_{3,4}$ [mm]	6
F [mm]	1058	s [mm]	14



Mating dimensions		Calculation data	
$d_{a,\,min}$ [mm]	1023	C [kN]	2660
$d_{a,\,max}$ [mm]	1053	C_0 [kN]	6600
$d_{b,\,min}$ [mm]	1063	C_u [kN]	450
$d_{c,\,min}$ [mm]	1085	n_{th} [min^{-1}]	313
$D_{a,\,max}$ [mm]	1197	n_g [min^{-1}]	450
$r_{a,\,max}$ [mm]	5		