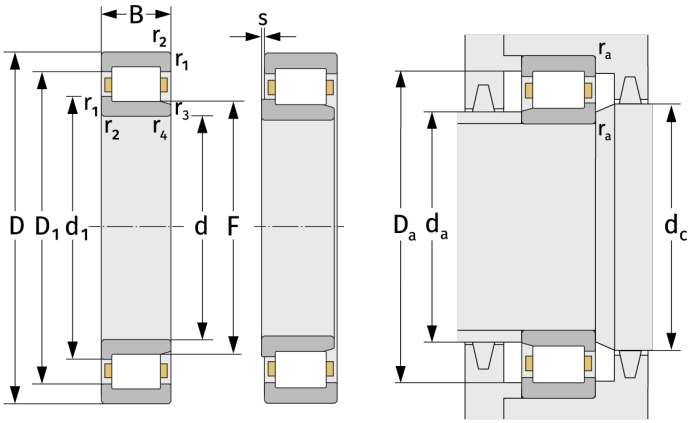
NJ220E.M3

Cylindrical Roller Bearings (single row, with cage)

Details:

Main dimensions			
d [mm]	100	d_1 [mm]	≈ 127.8
D [mm]	180	D_1 [mm]	≈ 154.2
B [mm]	34	$r_{1,2}$ [mm]	2.1
Weight [kg]	≈ 3	$r_{3,4}$ [mm]	2.1
F [mm]	119	s [mm]	2.4



Mating dimensions		Calculation data	
$d_{a, min}$ [mm]	112	C [kN]	254
$d_{a, max}$ [mm]	117	C_0 [kN]	312
$d_{b, min}$ [mm]	122	C_u [kN]	38.4
$d_{c, min}$ [mm]	130	n_{th} [min^{-1}]	3478
$D_{a, max}$ [mm]	168	n_g [min^{-1}]	5100
$r_{a, max}$ [mm]	2.1		