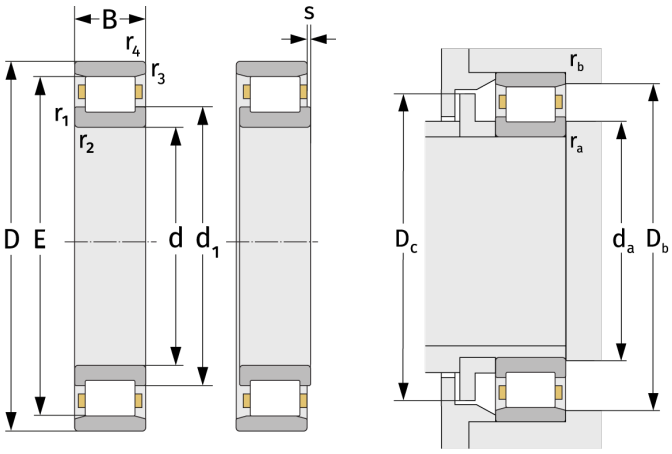
N209E.M3

Cylindrical Roller Bearings (single row, with cage)

Details:

Main dimensions			
d [mm]	45	d_1 [mm]	≈ 58.9
D [mm]	85	$r_{1,2}$ [mm]	1.1
B [mm]	19	$r_{3,4}$ [mm]	1.1
E [mm]	76.5	s [mm]	1.9



Mating dimensions		Calculation data	
$d_{a,\,min}$ [mm]	52	C [kN]	63.3
$D_{b,\,min}$ [mm]	77	C_0 [kN]	66.5
$D_{c,\,max}$ [mm]	74	C_u [kN]	8.73
$r_{a,\,max}$ [mm]	1	n_{th} [min^{-1}]	6978
$r_{b,\,max}$ [mm]	1	n_g [min^{-1}]	12000