

NU2009E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	45	D ₁ [mm]	≈ 65.3
D [mm]	75	r _{1,2} [mm]	1
B [mm]	19	r _{3,4} [mm]	0.6
Weight [kg]	≈ 0.339	s [mm]	1
F [mm]	52.5		



Mating dimensions

Calculation data

d _{a,min} [mm]	49.6	C [kN]	55.6
d _{a,max} [mm]	52	C ₀ [kN]	68.5
d _{b,min} [mm]	54	C _u [kN]	8.99
D _{a,max} [mm]	70.4	n _{th} [min ⁻¹]	7412
r _{a,max} [mm]	1	n _g [min ⁻¹]	13000
r _{b,max} [mm]	0.6		