

N31/630M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	630	d ₁ [mm]	≈ 771
D [mm]	1030	r _{1,2} [mm]	7.5
B [mm]	315	r _{3,4} [mm]	7.5
Weight [kg]	≈ 1049	s [mm]	27.3
E [mm]	947		



Mating dimensions

Calculation data

d _{a,min} [mm]	662	C [kN]	9250
D _{b,min} [mm]	952	C ₀ [kN]	18000
D _{c,max} [mm]	942	C _u [kN]	1335
r _{a,max} [mm]	6	n _{th} [min ⁻¹]	257
r _{b,max} [mm]	6	n _g [min ⁻¹]	680