

N31/500M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	500	d ₁ [mm]	≈ 617
D [mm]	830	r _{1,2} [mm]	7.5
B [mm]	264	r _{3,4} [mm]	7.5
Weight [kg]	≈ 579	s [mm]	24
E [mm]	761		



Mating dimensions

Calculation data

d _{a,min} [mm]	532	C [kN]	6400
D _{b,min} [mm]	766	C ₀ [kN]	12100
D _{c,max} [mm]	756	C _u [kN]	949
r _{a,max} [mm]	6	n _{th} [min ⁻¹]	361
r _{b,max} [mm]	6	n _g [min ⁻¹]	900