

NJ31/500M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	500	d ₁ [mm]	≈ 617
D [mm]	830	D ₁ [mm]	≈ 725
B [mm]	264	r _{1,2} [mm]	7.5
Weight [kg]	≈ 595	r _{3,4} [mm]	7.5
F [mm]	581	s [mm]	24



Mating dimensions		Calculation data	
d _{a, min} [mm]	532	C [kN]	6400
d _{a, max} [mm]	576	C ₀ [kN]	12100
d _{b, min} [mm]	586	C _u [kN]	949
d _{c, min} [mm]	622	n _{th} [min ⁻¹]	361
D _{a, max} [mm]	798	n _g [min ⁻¹]	900
r _{a, max} [mm]	6		