

N18/500M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	500	d ₁ [mm]	≈ 545.2
D [mm]	620	r _{1,2} [mm]	3
B [mm]	56	r _{3,4} [mm]	3
Weight [kg]	≈ 36.3	s [mm]	8.5
E [mm]	590		



Mating dimensions

Calculation data

d _{a,min} [mm]	512.4	C [kN]	735
D _{b,min} [mm]	594	C ₀ [kN]	1650
D _{c,max} [mm]	586	C _u [kN]	137
r _{a,max} [mm]	2.5	n _{th} [min ⁻¹]	767
r _{b,max} [mm]	2.5	n _g [min ⁻¹]	1200