

NJ18/500M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	500	d ₁ [mm]	≈ 545.2
D [mm]	620	D ₁ [mm]	≈ 578.8
B [mm]	56	r _{1,2} [mm]	3
Weight [kg]	≈ 37.5	r _{3,4} [mm]	3
F [mm]	534	s [mm]	8.5



Mating dimensions		Calculation data	
d _{a, min} [mm]	512.4	C [kN]	735
d _{a, max} [mm]	530	C ₀ [kN]	1650
d _{b, min} [mm]	538	C _u [kN]	137
d _{c, min} [mm]	549	n _{th} [min ⁻¹]	767
D _{a, max} [mm]	607.6	n _g [min ⁻¹]	1200
r _{a, max} [mm]	2.5		