

61816M

Deep Groove Ball Bearings (single row, metric)



Details:

Main dimensions

d [mm]	80	d ₁ [mm]	≈ 86.6
D [mm]	100	D ₁ [mm]	≈ 93.6
B [mm]	10	r _{1,2} [mm]	0.6
Weight [kg]	≈ 0.18		



Mating dimensions

d _{a,min} [mm]	83
D _{a,max} [mm]	97
r _{a,max} [mm]	0.6

Calculation data

C [kN]	13.1
C ₀ [kN]	13.8
C _u [kN]	0.57
n _{th} [min ⁻¹]	4629
n _g [min ⁻¹]	11000
f ₀	15,9