

# 619/630M

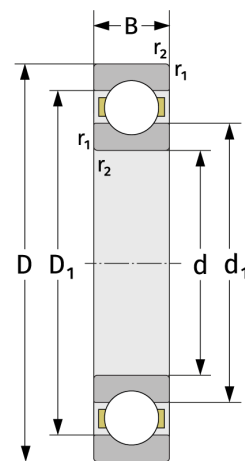
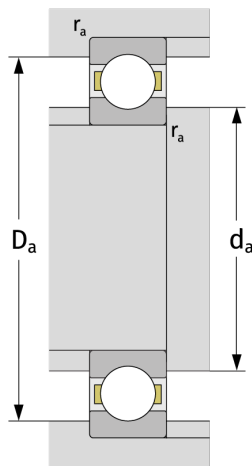
Deep Groove Ball Bearings (single row, metric)



## Details:

### Main dimensions

d [mm]	630	d <sub>1</sub> [mm]	≈ 700.6
D [mm]	850	D <sub>1</sub> [mm]	≈ 780.6
B [mm]	100	r <sub>1,2</sub> [mm]	6
Weight [kg]	≈ 166		



### Mating dimensions

d <sub>a,min</sub> [mm]	653
D <sub>a,max</sub> [mm]	827
r <sub>a,max</sub> [mm]	5

### Calculation data

C [kN]	630
C <sub>0</sub> [kN]	1330
C <sub>u</sub> [kN]	23.9
n <sub>th</sub> [min <sup>-1</sup> ]	842
n <sub>g</sub> [min <sup>-1</sup> ]	1100
f <sub>0</sub>	16,4