

# 618/530M

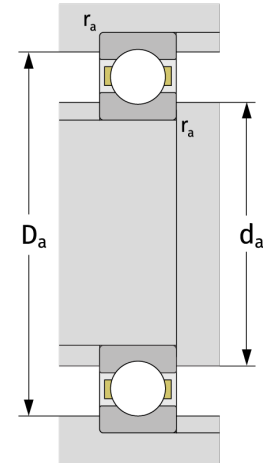
Deep Groove Ball Bearings (single row, metric)



## Details:

### Main dimensions

d [mm]	530	d <sub>1</sub> [mm]	≈ 567.4
D [mm]	650	D <sub>1</sub> [mm]	≈ 613.4
B [mm]	56	r <sub>1,2</sub> [mm]	3
Weight [kg]	≈ 40.2		



### Mating dimensions

d <sub>a,min</sub> [mm]	542
D <sub>a,max</sub> [mm]	638
r <sub>a,max</sub> [mm]	2.5

### Calculation data

C [kN]	342
C <sub>0</sub> [kN]	620
C <sub>u</sub> [kN]	12.5
n <sub>th</sub> [min <sup>-1</sup> ]	982
n <sub>g</sub> [min <sup>-1</sup> ]	1400
f <sub>0</sub>	15,9