

# 160/500M

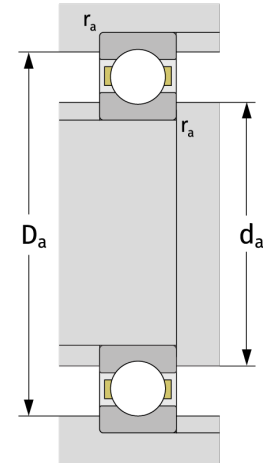
Deep Groove Ball Bearings (single row, metric)



## Details:

### Main dimensions

d [mm]	500	d <sub>1</sub> [mm]	≈ 578.5
D [mm]	720	D <sub>1</sub> [mm]	≈ 642.5
B [mm]	71	r <sub>1,2</sub> [mm]	5
Weight [kg]	≈ 103		



### Mating dimensions

d <sub>a,min</sub> [mm]	518
D <sub>a,max</sub> [mm]	702
r <sub>a,max</sub> [mm]	4

### Calculation data

C [kN]	457
C <sub>0</sub> [kN]	845
C <sub>u</sub> [kN]	16.9
n <sub>th</sub> [min <sup>-1</sup> ]	981
n <sub>g</sub> [min <sup>-1</sup> ]	1400
f <sub>0</sub>	16,4