

# 6416M

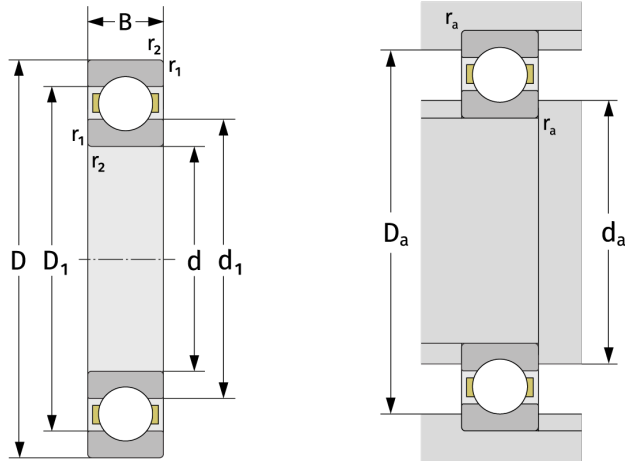
Deep Groove Ball Bearings (single row, metric)



## Details:

### Main dimensions

d [mm]	80	d <sub>1</sub> [mm]	≈ 116.4
D [mm]	200	D <sub>1</sub> [mm]	≈ 164.4
B [mm]	48	r <sub>1,2</sub> [mm]	3
Weight [kg]	≈ 8.57		



### Mating dimensions

d <sub>a,min</sub> [mm]	96
D <sub>a,max</sub> [mm]	184
r <sub>a,max</sub> [mm]	2.5

### Calculation data

C [kN]	164
C <sub>0</sub> [kN]	125
C <sub>u</sub> [kN]	5.4
n <sub>th</sub> [min <sup>-1</sup> ]	5405
n <sub>g</sub> [min <sup>-1</sup> ]	6900
f <sub>0</sub>	12,3