

7416B.MP

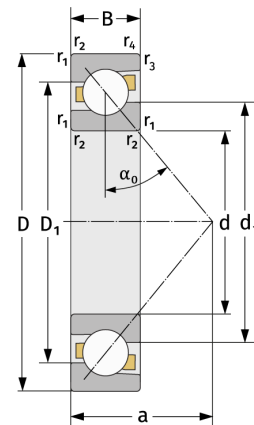
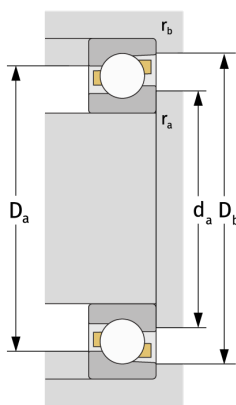
Angular Contact Ball Bearings (single row, metric)



Details:

Main dimensions

d [mm]	80	D_1 [mm]	≈ 157.3
D [mm]	200	$r_{1,2}$ [mm]	3
B [mm]	48	$r_{3,4}$ [mm]	1.1
Weight [kg]	≈ 7.93	α_0 [°]	40
d_1 [mm]	≈ 126.4	a [mm]	≈ 83



Mating dimensions

$d_{a, \min}$ [mm]	96
$D_{a, \max}$ [mm]	184
$D_{b, \max}$ [mm]	191
$r_{a, \max}$ [mm]	2.5
$r_{b, \max}$ [mm]	1

Calculation data

C [kN]	185
C_0 [kN]	154
C_u [kN]	6.62
n_{th} [min ⁻¹]	3616
n_g [min ⁻¹]	4800