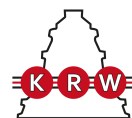


7418B.MP

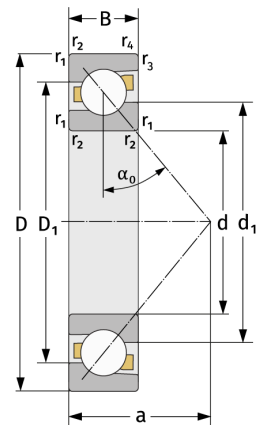
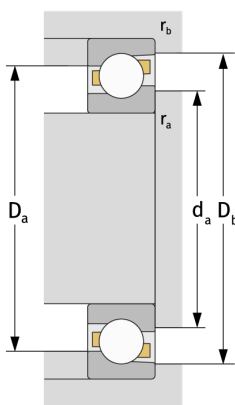
Angular Contact Ball Bearings (single row, metric)



Details:

Main dimensions

d [mm]	90	D_1 [mm]	≈ 176.9
D [mm]	225	$r_{1,2}$ [mm]	4
B [mm]	54	$r_{3,4}$ [mm]	1.5
Weight [kg]	≈ 11.3	α_0 [°]	40
d_1 [mm]	≈ 142.2	a [mm]	≈ 93



Mating dimensions

$d_{a, \min}$ [mm]	110
$D_{a, \max}$ [mm]	205
$D_{b, \max}$ [mm]	214
$r_{a, \max}$ [mm]	3
$r_{b, \max}$ [mm]	1.5

Calculation data

C [kN]	218
C_0 [kN]	194
C_u [kN]	7.88
n_{th} [min ⁻¹]	3293
n_g [min ⁻¹]	4300