

# 7418B.MP

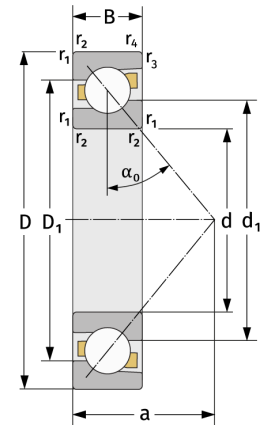
Angular Contact Ball Bearings (single row, metric)



## Details:

### Main dimensions

d [mm]	90	$D_1$ [mm]	$\approx 176.9$
D [mm]	225	$r_{1,2}$ [mm]	4
B [mm]	54	$r_{3,4}$ [mm]	1.5
Weight [kg]	$\approx 11.3$	$\alpha_0$ [°]	40
$d_1$ [mm]	$\approx 142.2$	a [mm]	$\approx 93$



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	110	C [kN]	218
$D_{a, \max}$ [mm]	205	$C_0$ [kN]	194
$D_{b, \max}$ [mm]	214	$C_u$ [kN]	7.88
$r_{a, \max}$ [mm]	3	$n_{th}$ [min <sup>-1</sup> ]	3293
$r_{b, \max}$ [mm]	1.5	$n_g$ [min <sup>-1</sup> ]	4300