

# 7222B.MP

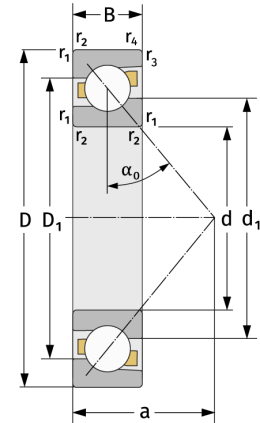
Angular Contact Ball Bearings (single row, metric)



## Details:

### Main dimensions

d [mm]	110	$D_1$ [mm]	$\approx 167.9$
D [mm]	200	$r_{1,2}$ [mm]	2.1
B [mm]	38	$r_{3,4}$ [mm]	1.1
Weight [kg]	$\approx 5.15$	$\alpha_0$ [°]	40
$d_1$ [mm]	$\approx 144.8$	a [mm]	$\approx 84$



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	122	C [kN]	156
$D_{a, \max}$ [mm]	188	$C_0$ [kN]	145
$D_{b, \max}$ [mm]	193	$C_u$ [kN]	5.9
$r_{a, \max}$ [mm]	2.1	$n_{th}$ [min <sup>-1</sup> ]	3968
$r_{b, \max}$ [mm]	1	$n_g$ [min <sup>-1</sup> ]	4400