

70820MP

Angular Contact Ball Bearings (single row, metric)



Details:

Main dimensions

d [mm]	100	D_1 [mm]	≈ 116.3
D [mm]	125	$r_{1,2}$ [mm]	0.3
B [mm]	9	$r_{3,4}$ [mm]	0.15
Weight [kg]	≈ 0.248	α_0 [°]	30
d_1 [mm]	≈ 109.2	a [mm]	≈ 37



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	102	C [kN]	17.9
$D_{a, \max}$ [mm]	123	C_0 [kN]	23
$D_{b, \max}$ [mm]	124.2	C_u [kN]	1.11
$r_{a, \max}$ [mm]	0.3	n_{th} [min ⁻¹]	2794
$r_{b, \max}$ [mm]	0.15	n_g [min ⁻¹]	6100