

70920MP

Angular Contact Ball Bearings (single row, metric)



Details:

Main dimensions

d [mm]	100	D_1 [mm]	≈ 125.3
D [mm]	140	$r_{1,2}$ [mm]	0.6
B [mm]	13	$r_{3,4}$ [mm]	0.3
Weight [kg]	≈ 0.631	α_0 [°]	30
d_1 [mm]	≈ 115.5	a [mm]	≈ 41



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	103.2	C [kN]	30.3
$D_{a, \max}$ [mm]	136.8	C_0 [kN]	36.9
$D_{b, \max}$ [mm]	138	C_u [kN]	1.73
$r_{a, \max}$ [mm]	0.6	n_{th} [min ⁻¹]	3140
$r_{b, \max}$ [mm]	0.3	n_g [min ⁻¹]	5700