

70824MP

Angular Contact Ball Bearings (single row, metric)



Details:

Main dimensions

d [mm]	120	D_1 [mm]	≈ 139.3
D [mm]	150	$r_{1,2}$ [mm]	0.6
B [mm]	10	$r_{3,4}$ [mm]	0.3
Weight [kg]	≈ 0.404	α_0 [°]	30
d_1 [mm]	≈ 131.3	a [mm]	≈ 44



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	123.2	C [kN]	22.7
$D_{a, \max}$ [mm]	146.8	C_0 [kN]	31.1
$D_{b, \max}$ [mm]	148	C_u [kN]	1.37
$r_{a, \max}$ [mm]	0.6	n_{th} [min ⁻¹]	2383
$r_{b, \max}$ [mm]	0.3	n_g [min ⁻¹]	5000