

7019MP

Angular Contact Ball Bearings (single row, metric)



Details:

Main dimensions

d [mm]	95	D_1 [mm]	≈ 127.2
D [mm]	145	$r_{1,2}$ [mm]	1.5
B [mm]	24	$r_{3,4}$ [mm]	1
Weight [kg]	≈ 1.35	α_0 [°]	30
d_1 [mm]	≈ 114.3	a [mm]	≈ 47



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	102	C [kN]	74.2
$D_{a, \max}$ [mm]	138	C_0 [kN]	73.3
$D_{b, \max}$ [mm]	140.4	C_u [kN]	3.43
$r_{a, \max}$ [mm]	1.5	n_{th} [min ⁻¹]	4248
$r_{b, \max}$ [mm]	1	n_g [min ⁻¹]	5700