

7219B.MP

Angular Contact Ball Bearings (single row, metric)



Details:

Main dimensions

d [mm]	95	D_1 [mm]	≈ 143.3
D [mm]	170	$r_{1,2}$ [mm]	2.1
B [mm]	32	$r_{3,4}$ [mm]	1.1
Weight [kg]	≈ 3.07	α_0 [°]	40
d_1 [mm]	≈ 124	a [mm]	≈ 72



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	107	C [kN]	118
$D_{a, \max}$ [mm]	158	C_0 [kN]	101
$D_{b, \max}$ [mm]	163	C_u [kN]	4.47
$r_{a, \max}$ [mm]	2.1	n_{th} [min^{-1}]	4412
$r_{b, \max}$ [mm]	1	n_g [min^{-1}]	5100