

7419B.MP

Angular Contact Ball Bearings (single row, metric)



Details:

Main dimensions

d [mm]	95	D_1 [mm]	≈ 189.1
D [mm]	240	$r_{1,2}$ [mm]	4
B [mm]	55	$r_{3,4}$ [mm]	1.5
Weight [kg]	≈ 13.5	α_0 [°]	40
d_1 [mm]	≈ 150.5	a [mm]	≈ 98



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	115	C [kN]	252
$D_{a, \max}$ [mm]	220	C_0 [kN]	236
$D_{b, \max}$ [mm]	229	C_u [kN]	9.27
$r_{a, \max}$ [mm]	3	n_{th} [min^{-1}]	2976
$r_{b, \max}$ [mm]	1.5	n_g [min^{-1}]	4000