

QJ420MPA

Four Point Contact Ball Bearings (metric)



Details:

Main dimensions

d [mm]	100	D_1 [mm]	≈ 196.7
D [mm]	250	$r_{1,2}$ [mm]	4
B [mm]	58	α_0 [°]	35
Weight [kg]	≈ 17	a [mm]	≈ 123
d_1 [mm]	≈ 153.3		



Mating dimensions

$d_{a, \min}$ [mm]	120
$D_{a, \max}$ [mm]	230
$r_{a, \max}$ [mm]	3

Calculation data

C [kN]	390
C_0 [kN]	447
C_u [kN]	16.5
n_{th} [min ⁻¹]	2537
n_g [min ⁻¹]	4900