

QJ424MPA

Four Point Contact Ball Bearings (metric)



Details:

Main dimensions

d [mm]	120	D_1 [mm]	≈ 242.1
D [mm]	310	$r_{1,2}$ [mm]	5
B [mm]	72	α_0 [°]	35
Weight [kg]	≈ 32.9	a [mm]	≈ 151
d_1 [mm]	≈ 187.9		



Mating dimensions

$d_{a, \min}$ [mm]	144
$D_{a, \max}$ [mm]	286
$r_{a, \max}$ [mm]	4

Calculation data

C [kN]	535
C_0 [kN]	695
C_u [kN]	23.3
n_{th} [min ⁻¹]	1966
n_g [min ⁻¹]	4000