

QJ19/500MPA

Four Point Contact Ball Bearings (metric)



Details:

Main dimensions

d [mm]	500	D_1 [mm]	≈ 611.3
D [mm]	670	$r_{1,2}$ [mm]	5
B [mm]	78	α_0 [°]	35
Weight [kg]	≈ 84.2	a [mm]	≈ 410
d_1 [mm]	≈ 558.7		



Mating dimensions

$d_{a, \min}$ [mm]	518
$D_{a, \max}$ [mm]	652
$r_{a, \max}$ [mm]	4

Calculation data

C [kN]	865
C_0 [kN]	2250
C_u [kN]	46.6
n_{th} [min ⁻¹]	613
n_g [min ⁻¹]	1300