

QJ1920MPA

Four Point Contact Ball Bearings (metric)



Details:

Main dimensions

d [mm]	100	D_1 [mm]	≈ 126.2
D [mm]	140	$r_{1,2}$ [mm]	1.1
B [mm]	20	α_0 [°]	35
Weight [kg]	≈ 1.02	a [mm]	≈ 84
d_1 [mm]	≈ 113.8		



Mating dimensions

$d_{a, \min}$ [mm]	106
$D_{a, \max}$ [mm]	134
$r_{a, \max}$ [mm]	1

Calculation data

C [kN]	81.4
C_0 [kN]	109
C_u [kN]	4.82
n_{th} [min ⁻¹]	3499
n_g [min ⁻¹]	7300