

# QJ222MPA

Four Point Contact Ball Bearings (metric)



## Details:

### Main dimensions

d [mm]	110	$D_1$ [mm]	$\approx 168.9$
D [mm]	200	$r_{1,2}$ [mm]	2.1
B [mm]	38	$\alpha_0$ [°]	35
Weight [kg]	$\approx 5.87$	a [mm]	$\approx 109$
$d_1$ [mm]	$\approx 141.1$		



### Mating dimensions

$d_{a, \min}$ [mm]	122
$D_{a, \max}$ [mm]	188
$r_{a, \max}$ [mm]	2.1

### Calculation data

C [kN]	268
$C_0$ [kN]	304
$C_u$ [kN]	11.9
$n_{th}$ [min <sup>-1</sup> ]	3269
$n_g$ [min <sup>-1</sup> ]	5600