

# QJ422MPA

Four Point Contact Ball Bearings (metric)



## Details:

### Main dimensions

d [mm]	110	$D_1$ [mm]	$\approx 219.8$
D [mm]	280	$r_{1,2}$ [mm]	4
B [mm]	65	$\alpha_0$ [°]	35
Weight [kg]	$\approx 24.1$	a [mm]	$\approx 137$
$d_1$ [mm]	$\approx 170.3$		



### Mating dimensions

$d_{a, \min}$ [mm]	130
$D_{a, \max}$ [mm]	260
$r_{a, \max}$ [mm]	3

### Calculation data

C [kN]	470
$C_0$ [kN]	580
$C_u$ [kN]	20.3
$n_{th}$ [min <sup>-1</sup> ]	2203
$n_g$ [min <sup>-1</sup> ]	4400