

# Q220MPB

Four Point Contact Ball Bearings (metric)



## Details:

### Main dimensions

d [mm]	100	$D_1$ [mm]	$\approx 152.4$
D [mm]	180	$r_{1,2}$ [mm]	2.1
B [mm]	34	$\alpha_0$ [°]	23
Weight [kg]	$\approx 4.21$	a [mm]	$\approx 59$
$d_1$ [mm]	$\approx 127.6$		



### Mating dimensions

$d_{a, \min}$ [mm]	112
$D_{a, \max}$ [mm]	168
$r_{a, \max}$ [mm]	2.1

### Calculation data

C [kN]	251
$C_0$ [kN]	263
$C_u$ [kN]	10.8
$n_{th}$ [ $\text{min}^{-1}$ ]	3425
$n_g$ [ $\text{min}^{-1}$ ]	6200