

# Q368MPB

Four Point Contact Ball Bearings (metric)



## Details:

### Main dimensions

|             |                 |                |                 |
|-------------|-----------------|----------------|-----------------|
| d [mm]      | 340             | $D_1$ [mm]     | $\approx 571.4$ |
| D [mm]      | 710             | $r_{1,2}$ [mm] | 7.5             |
| B [mm]      | 118             | $\alpha_0$ [°] | 23              |
| Weight [kg] | $\approx 262$   | a [mm]         | $\approx 223$   |
| $d_1$ [mm]  | $\approx 478.6$ |                |                 |



### Mating dimensions

|                    |     |
|--------------------|-----|
| $d_{a, \min}$ [mm] | 372 |
| $D_{a, \max}$ [mm] | 678 |
| $r_{a, \max}$ [mm] | 6   |

### Calculation data

|                               |      |
|-------------------------------|------|
| C [kN]                        | 1530 |
| $C_0$ [kN]                    | 3450 |
| $C_u$ [kN]                    | 75.4 |
| $n_{th}$ [min <sup>-1</sup> ] | 597  |
| $n_g$ [min <sup>-1</sup> ]    | 1500 |