

# 708/750MP

Angular Contact Ball Bearings (single row, metric)



## Details:

### Main dimensions

|             |                 |                |                 |
|-------------|-----------------|----------------|-----------------|
| d [mm]      | 750             | $D_1$ [mm]     | $\approx 857.9$ |
| D [mm]      | 920             | $r_{1,2}$ [mm] | 4               |
| B [mm]      | 54              | $r_{3,4}$ [mm] | 1.5             |
| Weight [kg] | $\approx 78.2$  | $\alpha_0$ [°] | 30              |
| $d_1$ [mm]  | $\approx 815.4$ | a [mm]         | $\approx 268$   |



| Mating dimensions  |       | Calculation data              |      |
|--------------------|-------|-------------------------------|------|
| $d_{a, \min}$ [mm] | 764.6 | C [kN]                        | 449  |
| $D_{a, \max}$ [mm] | 905.4 | $C_0$ [kN]                    | 1150 |
| $D_{b, \max}$ [mm] | 913   | $C_u$ [kN]                    | 19.4 |
| $r_{a, \max}$ [mm] | 3     | $n_{th}$ [min <sup>-1</sup> ] | 440  |
| $r_{b, \max}$ [mm] | 1.5   | $n_g$ [min <sup>-1</sup> ]    | 630  |