



| Item number | D   | d   | B   | B1*   b   | Fmax rad | Fmax ax | °Max rad | °Max car |
|-------------|-----|-----|-----|-----------|----------|---------|----------|----------|
| 745022      | 89  | 30  | 70  | 55,6   76 | 55,5     | 18      | 8        | 8        |
| 745025      | 80  | 35  | 50  | 60        | 35       | 8       | 8        | 8        |
| 745026      | 95  | 48  | 50  | 55        | 30       | 6,6     | 8        | 8        |
| 745032      | 118 | 52  | 92  | 72   106  | 100      | 18,5    | 8        | 8        |
| 745035      | 66  | 25  | 44  | 69        | 18       | 3,9     | 8        | 8        |
| 745038      | 168 | 100 | 87  | 59   90   | 150      | 40      | 6        | 6        |
| 745082      | 195 | 80  | 146 | 106   166 | 460      | 157,2   | 3        | 3        |
| 745100      | 168 | 70  | 122 | 92   140  | 405      | 136     | 3        | 3        |

- D : Outer diameter [mm]
- d : Inner diameter [mm]
- B : Width outer scale [mm]
- B1\* : Width outer scale [mm]
- b : Width inner part [mm]
- Fmax rad : Maximum radial load [kN]
- Fmax ax : Maximum axial load [kN]
- °Max rad : Maximum deflection angle radial [deg]
- °Max car : Maximum deflection angle cardanic [deg]

Note : B1 on special request only

Item number: 745022 - 745100  
 Type: Phoenix Spherical bearing  
 Material: NR / S355

For more information: [info@phoenixvc.nl](mailto:info@phoenixvc.nl) or [www.phoenixvc.nl](http://www.phoenixvc.nl)

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Tolerance unless otherwise specified:  
 ISO 3302-1 M3  
 DIN ISO 2768 MK  
 DIN 53505

|       |                     |   |                                  |                   |            |
|-------|---------------------|---|----------------------------------|-------------------|------------|
| Dept. | Technical reference | Created by<br>HG                                    | 01-01-2018                       | Approved by<br>GJ | 01-01-2018 |
|       |                     | Document type<br>Inspection drawing                 | Document status<br>In Production |                   |            |
|       |                     | Title<br>PHOENIX Spherical Bearing<br>745022-745100 | DWG No.<br>GJ01012018            |                   |            |
|       |                     | Rev.  | Date of issue                    | Sheet             |            |
|       |                     | -   | 01-01-2018                       | 1/1               |            |