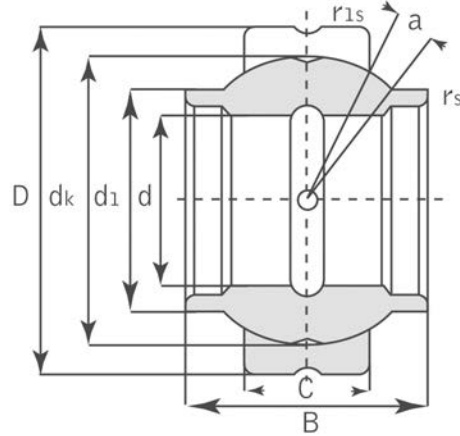




# Spherical Plain



## GEEW ES

| Bearing Number | Dimensions (mm) |     |     |     |           |      |           |            |         | Load Ratings kN |        | Weight<br>~kg |
|----------------|-----------------|-----|-----|-----|-----------|------|-----------|------------|---------|-----------------|--------|---------------|
|                | d               | D   | B   | C   | max<br>d1 | dk   | min<br>rs | min<br>r1s | a*<br>~ | Dynamic         | Static |               |
| GEEW12ES*      | 12              | 22  | 12  | 7   | 15.5      | 18   | 0.3       | 0.3        | 4       | 10              | 53     | 0.022         |
| GEEW15ES       | 15              | 26  | 15  | 9   | 18.5      | 22   | 0.3       | 0.3        | 5       | 16              | 84     | 0.031         |
| GEEW16ES       | 16              | 28  | 16  | 9   | 20        | 23   | 0.3       | 0.3        | 4       | 17              | 85     | 0.035         |
| GEEW17ES       | 17              | 30  | 17  | 10  | 21        | 25   | 0.3       | 0.3        | 7       | 21              | 106    | 0.044         |
| GEEW20ES       | 20              | 35  | 20  | 12  | 25        | 29   | 0.3       | 0.3        | 4       | 30              | 146    | 0.071         |
| GEEW25ES       | 25              | 42  | 25  | 16  | 30.5      | 35.5 | 0.6       | 0.6        | 4       | 48              | 240    | 0.131         |
| GEEW30ES       | 30              | 47  | 30  | 18  | 34        | 40.7 | 0.6       | 0.6        | 4       | 62              | 310    | 0.168         |
| GEEW32ES       | 32              | 52  | 32  | 18  | 37        | 43   | 0.6       | 1          | 4       | 65              | 328    | 0.182         |
| GEEW35ES       | 35              | 55  | 35  | 20  | 40        | 47   | 0.6       | 1          | 4       | 79              | 399    | 0.253         |
| GEEW40ES       | 40              | 62  | 40  | 22  | 46        | 53   | 0.6       | 1          | 4       | 99              | 495    | 0.338         |
| GEEW45ES       | 45              | 68  | 45  | 25  | 52        | 60   | 0.6       | 1          | 4       | 127             | 637    | 0.481         |
| GEEW50ES       | 50              | 75  | 50  | 28  | 57        | 66   | 0.6       | 1          | 4       | 156             | 780    | 0.558         |
| GEEW60ES       | 60              | 90  | 60  | 36  | 68        | 80   | 1         | 1          | 4       | 245             | 1220   | 1.15          |
| GEEW63ES       | 63              | 95  | 63  | 36  | 71.5      | 83   | 1         | 1          | 4       | 253             | 1260   | 1.25          |
| GEEW70ES       | 70              | 105 | 70  | 40  | 78        | 92   | 1         | 1          | 4       | 313             | 1560   | 1.71          |
| GEEW80ES       | 80              | 120 | 80  | 45  | 91        | 105  | 1         | 1          | 4       | 400             | 2000   | 2.39          |
| GEEW90ES       | 90              | 130 | 90  | 50  | 99        | 115  | 1         | 1          | 4       | 488             | 2440   | 3.21          |
| GEEW100ES      | 100             | 150 | 100 | 55  | 113       | 130  | 1         | 1          | 4       | 607             | 3030   | 4.79          |
| GEEW110ES      | 110             | 160 | 110 | 55  | 124       | 140  | 1         | 1          | 4       | 654             | 3270   | 5.78          |
| GEEW125ES      | 125             | 180 | 125 | 70  | 138       | 160  | 1         | 1          | 4       | 950             | 4750   | 8.49          |
| GEEW160ES      | 160             | 230 | 160 | 80  | 177       | 200  | 1         | 1          | 4       | 1360            | 6800   | 16.5          |
| GEEW200ES      | 200             | 290 | 200 | 100 | 221       | 250  | 1.1       | 1.1        | 4       | 2120            | 10600  | 32.1          |
| GEEW250ES      | 250             | 400 | 250 | 120 | 317       | 350  | 1.1       | 1.1        | 4       | 3750            | 17800  | 99.1          |
| GEEW320ES      | 320             | 520 | 320 | 160 | 405       | 450  | 1.1       | 1.1        | 4       | 6200            | 30500  | 225           |

\* A lubrication groove and holes in the outer ring only.

We can supply spherical plain bearing with two seals for bore diameter d 15mm.