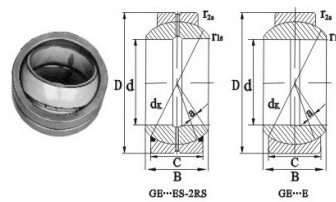
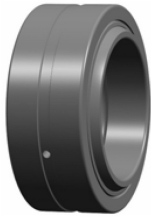


# GE...(E)ES-2RS Series



| Bearing No. |             | Boundary dimensions [mm] |     |    |    |      |            |            |                   | Basic load ratings(kN) |             | Mass  |
|-------------|-------------|--------------------------|-----|----|----|------|------------|------------|-------------------|------------------------|-------------|-------|
| Type 1      | Type 2      | d                        | D   | B  | C  | dk   | r1s<br>min | r2s<br>min | $\alpha' \approx$ | Dynamic(Cr)            | Static(Cor) | Kg    |
| GE6E        | -           | 6                        | 14  | 6  | 4  | 10   | 0.3        | 0.3        | 13                | 3.4                    | 17          | 0.004 |
| GE8E        | -           | 8                        | 16  | 8  | 5  | 13   | 0.3        | 0.3        | 15                | 5.5                    | 27.5        | 0.007 |
| GE10E       | -           | 10                       | 19  | 9  | 6  | 16   | 0.3        | 0.3        | 12                | 8.15                   | 40.5        | 0.011 |
| GE12E       | -           | 12                       | 22  | 10 | 7  | 18   | 0.3        | 0.3        | 11                | 10.8                   | 54          | 0.016 |
| GB15ES      | -           | 15                       | 26  | 12 | 9  | 22   | 0.3        | 0.3        | 8                 | 17                     | 85          | 0.025 |
| GE17ES      | -           | 17                       | 30  | 14 | 10 | 25   | 0.3        | 0.3        | 10                | 21.2                   | 106         | 0.041 |
| GE20ES      | GE20ES-2RS  | 20                       | 35  | 16 | 12 | 29   | 0.6        | 0.3        | 9                 | 30                     | 146         | 0.061 |
| GE25ES      | GE25ES-2RS  | 25                       | 42  | 20 | 16 | 35.5 | 0.6        | 0.6        | 7                 | 48                     | 240         | 0.11  |
| GE30ES      | GE30ES-2RS  | 30                       | 47  | 22 | 18 | 40.7 | 0.6        | 0.6        | 6                 | 62                     | 310         | 0.14  |
| GE35ES      | GE35ES-2RS  | 35                       | 55  | 25 | 20 | 47   | 0.6        | 1          | 6                 | 80                     | 400         | 0.22  |
| GE40ES      | GE40ES-2RS  | 40                       | 62  | 28 | 22 | 53   | 0.6        | 1          | 7                 | 100                    | 500         | 0.3   |
| GE45ES      | GE45ES-2RS  | 45                       | 68  | 32 | 25 | 60   | 0.6        | 1          | 7                 | 127                    | 640         | 0.4   |
| GE50ES      | GE50ES-2RS  | 50                       | 75  | 35 | 28 | 66   | 0.6        | 1          | 6                 | 156                    | 780         | 0.54  |
| GE60ES      | GE60ES-2RS  | 60                       | 90  | 44 | 36 | 80   | 1          | 1          | 6                 | 245                    | 1220        | 1     |
| GE70ES      | GE70ES-2RS  | 70                       | 105 | 49 | 40 | 92   | 1          | 1          | 6                 | 315                    | 1560        | 1.5   |
| GB80BS      | GE80ES-2RS  | 80                       | 120 | 55 | 45 | 105  | 1          | 1          | 6                 | 400                    | 2000        | 2.2   |
| GE90ES      | GE90ES-2RS  | 90                       | 130 | 60 | 50 | 115  | 1          | 1          | 5                 | 490                    | 2450        | 2.7   |
| GE100ES     | GE100ES-2RS | 100                      | 150 | 70 | 55 | 130  | 1          | 1          | 7                 | 610                    | 3050        | 4.3   |
| GE110ES     | GE110ES-2RS | 110                      | 160 | 70 | 55 | 140  | 1          | 1          | 6                 | 655                    | 3250        | 4.7   |
| GE120ES     | GE120ES-2RS | 120                      | 180 | 85 | 70 | 160  | 1          | 1          | 6                 | 950                    | 4750        | 8     |
| GE140ES     | GE140ES-2RS | 140                      | 210 | 90 | 70 | 180  | 1          | 1          | 7                 | 1080                   | 5400        | 11    |