

# Spherical Slide Bearings

## Requiring Maintenance

Medium Series (GEG...E/GEG...ES-2RS)



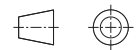
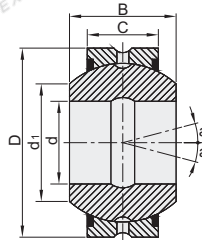
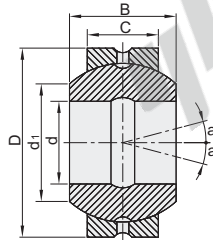
| Code | Type | Holder   |                | Spherical Inner Ring |                |
|------|------|----------|----------------|----------------------|----------------|
|      |      | Material | Heat Treatment | Material             | Heat Treatment |

**BNK51** Medium Series Bearing Steel Hardened Bearing Steel Hardened

**!** Bearing Bore hole (d) diameter below 15 doesn't include oil injection holes and oil grooves.

GEG...E

GEG...ES-2RS  
(Sealing ring at both ends)



The First Perspective

| Part Number |                        |              | d   | D   | B   | C   | d <sub>1</sub><br>(min) | a°≈  | Rated Load (KN) |             | Weight<br>(kg) |
|-------------|------------------------|--------------|-----|-----|-----|-----|-------------------------|------|-----------------|-------------|----------------|
| Code        | Bearing Specifications |              |     |     |     |     |                         |      | Dynamic Load    | Static Load |                |
| BNK51       | GEG5E                  | —            | 5   | 16  | 9   | 5   | 8                       | 21   | 5.5             | 27          | 0.0066         |
|             | GEG6E                  | —            | 6   |     |     |     | 9                       |      |                 |             | 0.0081         |
|             | GEG8E                  | —            | 8   | 19  | 11  | 6   | 11                      | 18   | 8.1             | 40          | 0.0014         |
|             | GEG10E                 | —            | 10  | 22  | 12  | 7   | 13                      | 18   | 10              | 54          | 0.021          |
|             | GEG12E                 | —            | 12  | 26  | 15  | 9   | 16                      | 18   | 17              | 85          | 0.021          |
|             | GEG15E                 | GEG15ES-2RS  | 15  | 30  | 16  | 10  | 19                      | 16   | 21              | 106         | 0.046          |
|             | GEG17E                 | GEG17ES-2RS  | 17  | 35  | 20  | 12  | 21                      | 19   | 30              | 146         | 0.078          |
|             | GEG20E                 | GEG20ES-2RS  | 20  | 42  | 25  | 16  | 24                      | 17   | 48              | 240         | 0.150          |
|             | GEG25E                 | GEG25ES-2RS  | 25  | 47  | 28  | 18  | 29                      | 17   | 62              | 310         | 0.190          |
|             | GEG30E                 | GEG30ES-2RS  | 30  | 55  | 32  | 20  | 34                      | 16   | 80              | 400         | 0.290          |
|             | GEG35E                 | GEG35ES-2RS  | 35  | 62  | 35  | 22  | 39                      | 16   | 100             | 500         | 0.390          |
|             | GEG40E                 | GEG40ES-2RS  | 40  | 68  | 40  | 25  | 44                      | 17   | 127             | 640         | 0.520          |
|             | GEG45E                 | GEG45ES-2RS  | 45  | 75  | 43  | 28  | 50                      | 15   | 156             | 780         | 0.680          |
|             | GEG50E                 | GEG50ES-2RS  | 50  | 90  | 56  | 36  | 57                      | 17   | 245             | 1220        | 1.40           |
|             | GEG60E                 | GEG60ES-2RS  | 60  | 105 | 63  | 40  | 67                      |      | 315             | 1560        | 2.00           |
|             | GEG70E                 | GEG70ES-2RS  | 70  | 120 | 70  | 45  | 77                      | 16   | 400             | 2000        | 2.90           |
|             | GEG80E                 | GEG80ES-2RS  | 80  | 130 | 75  | 50  | 87                      | 14   | 490             | 2450        | 3.50           |
|             | GEG90E                 | GEG90ES-2RS  | 90  | 150 | 85  | 55  | 98                      | 15   | 610             | 3050        | 5.40           |
|             | GEG100E                | GEG100ES-2RS | 100 | 160 |     |     | 110                     | 14   | 655             | 3250        | 5.90           |
|             | GEG110E                | GEG110ES-2RS | 110 | 180 | 100 | 70  | 122                     | 12   | 950             | 4750        | 11.00          |
|             | GEG120E                | GEG120ES-2RS | 120 | 210 | 115 |     | 132                     | 12   | 1080            | 5400        | 15.00          |
|             | GEG140E                | GEG140ES-2RS | 140 | 230 | 130 | 80  | 151                     | 16   | 1370            | 6800        | 19.01          |
|             | GEG160E                | GEG160ES-2RS | 160 | 260 | 135 |     | 176                     | 16   | 1530            | 7650        | 25.02          |
|             | GEG180E                | GEG180ES-2RS | 180 | 290 | 155 | 100 | 196                     | 14   | 2120            | 10600       | 32.21          |
|             | GEG200E                | GEG200ES-2RS | 200 | 320 | 165 |     | 220                     | 15   | 2320            | 11600       | 45.28          |
|             | GEG220E                | GEG220ES-2RS | 220 | 340 | 175 | 100 | 243                     | 16   | 2550            | 12700       | 51.12          |
|             | GEG240E                | GEG240ES-2RS | 240 | 370 | 190 |     | 263                     | 15   | 3050            | 15300       | 65.12          |
| GEG260E     | GEG260ES-2RS           | 260          | 400 | 205 | 285 |     | 15                      | 3550 | 18000           | 82.44       |                |



| Part Number                                                                         |                        |             | d  |
|-------------------------------------------------------------------------------------|------------------------|-------------|----|
| Code                                                                                | Bearing Specifications |             |    |
|  | GEG15E                 | GEG15ES-2RS | 15 |
|                                                                                     | GEG17E                 | GEG17ES-2RS | 17 |

BNK51—GEG15E



| Discount price |      |                      |
|----------------|------|----------------------|
| Per            | 1~9  | 10~                  |
| Price          | 100% | Additional quotation |



| Delivery |  |
|----------|--|
| 15       |  |