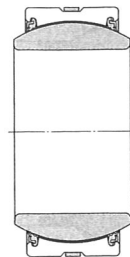
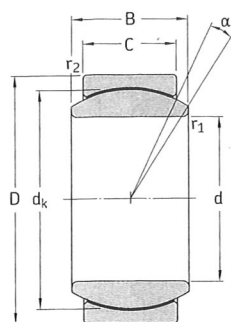


Maintenance-free radial spherical plain bearings, steel/PTFE fabric, metric sizes  
d 12 – 90 mm



GE .. TXGR

GE .. TX(G3)E-2LS

GE .. TX(G3)A-2LS

| Principal dimensions |     |    |    | Angle of tilt <sup>1)</sup> | Basic load ratings |                | Mass  | Designations   |                  |
|----------------------|-----|----|----|-----------------------------|--------------------|----------------|-------|----------------|------------------|
| d                    | D   | B  | C  |                             | dynamic            | static         |       | Material       | Stainless steel  |
|                      |     |    |    | α                           | C                  | C <sub>0</sub> |       | Bearing steel  |                  |
| mm                   |     |    |    | degrees                     | kN                 |                | kg    | –              |                  |
| 12                   | 22  | 10 | 7  | 10                          | 30                 | 50             | 0,017 | –              | GE 12 TXGR       |
| 15                   | 26  | 12 | 9  | 8                           | 47,5               | 80             | 0,032 | –              | GE 15 TXGR       |
| 17                   | 30  | 14 | 10 | 10                          | 60                 | 100            | 0,050 | –              | GE 17 TXGR       |
| 20                   | 35  | 16 | 12 | 9                           | 83                 | 140            | 0,065 | GE 20 TXE-2LS  | GE 20 TXG3E-2LS  |
|                      | 42  | 25 | 16 | 17                          | 137                | 228            | 0,15  | GEH 20 TXE-2LS | GEH 20 TXG3E-2LS |
| 25                   | 42  | 20 | 16 | 7                           | 137                | 228            | 0,12  | GE 25 TXE-2LS  | GE 25 TXG3E-2LS  |
|                      | 47  | 28 | 18 | 17                          | 176                | 290            | 0,19  | GEH 25 TXE-2LS | GEH 25 TXG3E-2LS |
| 30                   | 47  | 22 | 18 | 6                           | 176                | 290            | 0,16  | GE 30 TXE-2LS  | GE 30 TXG3E-2LS  |
|                      | 55  | 32 | 20 | 17                          | 224                | 375            | 0,29  | GEH 30 TXE-2LS | GEH 30 TXG3E-2LS |
| 35                   | 55  | 25 | 20 | 6                           | 224                | 375            | 0,23  | GE 35 TXE-2LS  | GE 35 TXG3E-2LS  |
|                      | 62  | 35 | 22 | 15                          | 280                | 465            | 0,39  | GEH 35 TXE-2LS | GEH 35 TXG3E-2LS |
| 40                   | 62  | 28 | 22 | 6                           | 280                | 465            | 0,32  | GE 40 TXE-2LS  | GE 40 TXG3E-2LS  |
|                      | 68  | 40 | 25 | 17                          | 360                | 600            | 0,52  | GEH 40 TXE-2LS | GEH 40 TXG3E-2LS |
| 45                   | 68  | 32 | 25 | 7                           | 360                | 600            | 0,46  | GE 45 TXE-2LS  | GE 45 TXG3E-2LS  |
|                      | 75  | 43 | 28 | 14                          | 440                | 735            | 0,69  | GEH 45 TXE-2LS | GEH 45 TXG3E-2LS |
| 50                   | 75  | 35 | 28 | 6                           | 440                | 735            | 0,56  | GE 50 TXE-2LS  | GE 50 TXG3E-2LS  |
|                      | 90  | 56 | 36 | 17                          | 695                | 1 160          | 1,41  | GEH 50 TXE-2LS | GEH 50 TXG3E-2LS |
| 60                   | 90  | 44 | 36 | 6                           | 695                | 1 160          | 1,10  | GE 60 TXE-2LS  | GE 60 TXG3E-2LS  |
|                      | 105 | 63 | 40 | 17                          | 880                | 1 460          | 2,06  | GEH 60 TXE-2LS | GEH 60 TXG3A-2LS |
| 70                   | 105 | 49 | 40 | 6                           | 880                | 1 460          | 1,55  | GE 70 TXE-2LS  | GE 70 TXG3A-2LS  |
|                      | 120 | 70 | 45 | 16                          | 1 140              | 1 900          | 2,99  | GEH 70 TXE-2LS | GEH 70 TXG3A-2LS |
| 80                   | 120 | 55 | 45 | 5                           | 1 140              | 1 900          | 2,30  | GE 80 TXE-2LS  | GE 80 TXG3A-2LS  |
|                      | 130 | 75 | 50 | 14                          | 1 370              | 2 320          | 3,55  | GEH 80 TXE-2LS | GEH 80 TXG3A-2LS |
| 90                   | 130 | 60 | 50 | 5                           | 1 370              | 2 320          | 2,75  | GE 90 TXE-2LS  | GE 90 TXG3A-2LS  |
|                      | 150 | 85 | 55 | 15                          | 1 730              | 2 850          | 5,40  | GEH 90 TXA-2LS | GEH 90 TXG3A-2LS |

<sup>1)</sup> To fully utilize the angle of tilt, the shaft shoulder should not be larger than  $d_{a \max}$ .