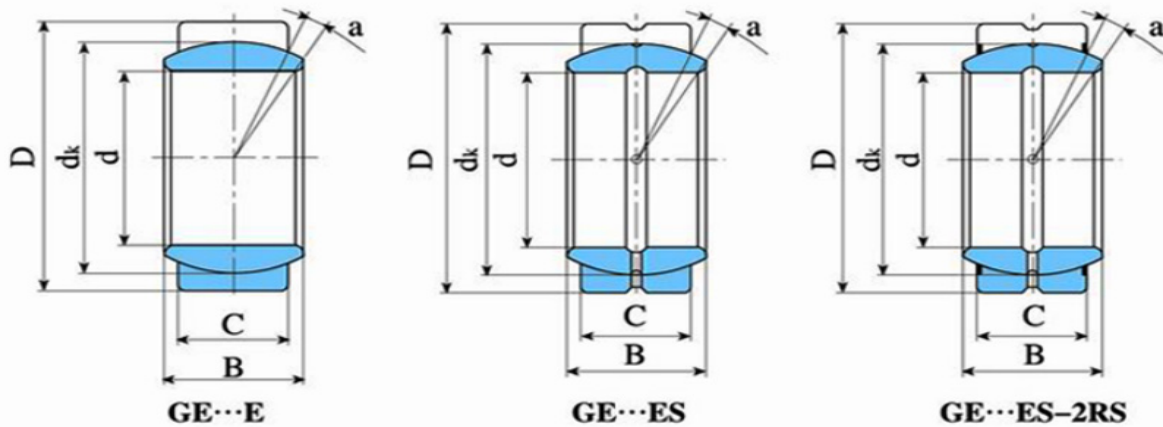


SDTZ Spherical Plain Bearings with Fitting Crack

SDTZ Spherical Plain Bearings are manufactured with a single split in the outer ring in the axial direction. Both the inner and outer are phosphate treated. Sliding surfaces are steel.

The ES type contains lubrication grooves and holes in the outer and inner rings.

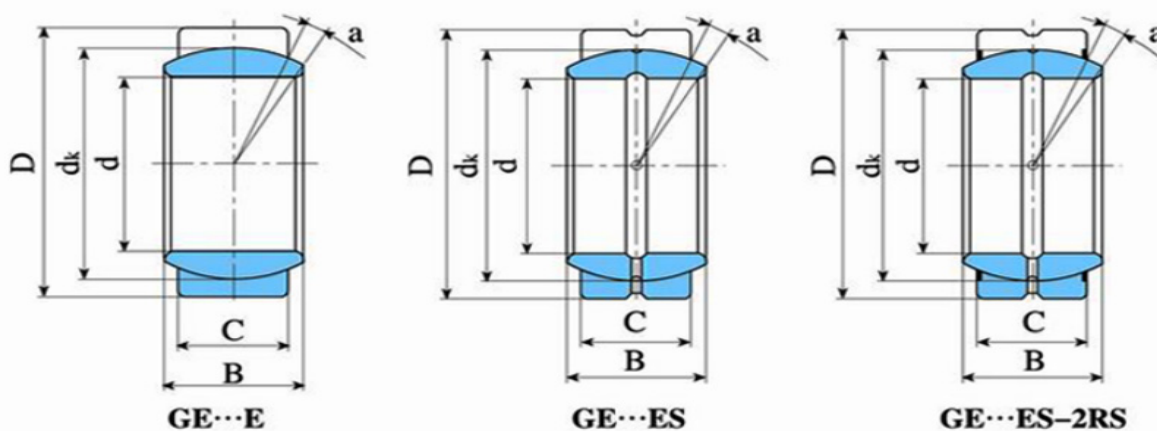
The 2RS type is fitted with seal rings on each side.



GEZ (Imperial) Series

| Bearing number | Dimensions (mm) | | | | | | | | Load ratings(KN) | | |
|----------------|-----------------|--------|--------|--------|-------|--------|---------|------|------------------|--------|-------|
| | d | D | B | C | dk | rs min | r1s min | a° ≈ | Dynamic | Static | |
| GEZ12ES | 12.7 | 22.225 | 11.1 | 9.525 | 18 | 0.15 | 0.6 | 6 | 13 | 41 | 0.022 |
| | 0.5 | 0.875 | 0.437 | 0.375 | 0.709 | 0.006 | 0.024 | | | | |
| GEZ15ES | 15.875 | 26.988 | 13.894 | 11.913 | 23 | 0.15 | 0.6 | 6 | 22 | 65 | 0.036 |
| | 0.625 | 1.0625 | 0.547 | 0.469 | 0.906 | 0.006 | 0.024 | | | | |
| GEZ19ES | 19.05 | 31.75 | 16.662 | 14.275 | 27.5 | 0.3 | 0.6 | 6 | 31 | 95 | 0.053 |
| | 0.75 | 1.25 | 0.656 | 0.562 | 1.083 | 0.012 | 0.024 | | | | |
| GEZ22ES | 22.225 | 36.513 | 19.431 | 16.662 | 32 | 0.3 | 0.6 | 6 | 42 | 127 | 0.085 |
| | 0.875 | 1.4375 | 0.756 | 0.656 | 1.26 | 0.012 | 0.024 | | | | |
| GEZ25ES | 25.4 | 41.275 | 22.225 | 19.05 | 36.5 | 0.3 | 0.6 | 6 | 56 | 166 | 0.121 |
| | 1 | 1.625 | 0.875 | 0.75 | 1.437 | 0.012 | 0.024 | | | | |
| GEZ31ES | 31.75 | 50.8 | 27.762 | 23.8 | 45.5 | 0.6 | 0.6 | 6 | 86 | 260 | 0.23 |
| | 1.25 | 2 | 1.093 | 0.937 | 1.791 | 0.024 | 0.024 | | | | |
| GEZ34ES | 34.925 | 55.563 | 30.15 | 26.187 | 49 | 0.6 | 1 | 5 | 102 | 310 | 0.35 |
| | 1.375 | 2.1875 | 1.187 | 1.031 | 1.929 | 0.024 | 0.04 | | | | |
| GEZ38ES | 38.1 | 61.913 | 33.325 | 28.575 | 54.7 | 0.6 | 1 | 6 | 125 | 375 | 0.42 |
| | 1.5 | 2.4375 | 1.312 | 1.125 | 2.154 | 0.024 | 0.04 | | | | |
| GEZ44ES | 44.45 | 71.438 | 38.887 | 33.325 | 63.9 | 0.6 | 1 | 6 | 170 | 510 | 0.64 |
| | 1.75 | 2.8125 | 1.531 | 1.312 | 2.516 | 0.024 | 0.04 | | | | |
| GEZ50ES | 50.8 | 80.963 | 44.45 | 38.1 | 73 | 0.6 | 1 | 6 | 224 | 670 | 0.93 |
| | 2 | 3.1875 | 1.75 | 1.5 | 2.874 | 0.024 | 0.04 | | | | |
| GEZ57ES | 57.15 | 90.488 | 50.013 | 42.85 | 82 | 0.6 | 1 | 6 | 280 | 850 | 1.3 |
| | 2.25 | 3.5625 | 1.969 | 1.687 | 3.228 | 0.024 | 0.04 | | | | |

Spherical Plain Bearings with Fitting Crack



| GEZ (Imperial) Series | | | | | | | | | | | | |
|-----------------------|--------------|-----------------|---------|--------|--------|-------|--------|---------|------|------------------|--------|------|
| Bearing number | | Dimensions (mm) | | | | | | | | Load ratings(KN) | | |
| | | d | D | B | C | dk | rs min | r1s min | a° ≈ | Dynamic | Static | |
| GEZ63ES | GEZ63ES-2RS | 63.5 | 100.013 | 55.55 | 47.625 | 92 | 1 | 1 | 6 | 355 | 1060 | 1.85 |
| | | 2.5 | 3.9375 | 2.187 | 1.875 | 3.622 | 0.04 | 0.04 | | | | |
| GEZ69ES | GEZ69ES-2RS | 69.85 | 111.125 | 61.112 | 52.375 | 100 | 1 | 1 | 6 | 415 | 1250 | 2.4 |
| | | 2.75 | 4.375 | 2.406 | 2.062 | 3.937 | 0.04 | 0.04 | | | | |
| GEZ76ES | GEZ76ES-2RS | 76.2 | 120.65 | 66.675 | 57.15 | 109.5 | 1 | 1 | 6 | 500 | 1500 | 3.1 |
| | | 3 | 4.75 | 2.625 | 2.25 | 4.311 | 0.04 | 0.04 | | | | |
| GEZ82ES | GEZ82ES-2RS | 82.55 | 130.175 | 72.238 | 61.9 | 119 | 1 | 1 | 6 | 585 | 1760 | 3.8 |
| | | 3.25 | 5.125 | 2.844 | 2.437 | 4.685 | 0.04 | 0.04 | | | | |
| GEZ88ES | GEZ88ES-2RS | 88.9 | 139.7 | 77.775 | 66.675 | 128 | 1 | 1 | 6 | 680 | 2040 | 4.8 |
| | | 3.5 | 5.5 | 3.062 | 2.625 | 5.039 | 0.04 | 0.04 | | | | |
| GEZ95ES | GEZ95ES-2RS | 95.25 | 149.225 | 83.337 | 71.425 | 137 | 1 | 1 | 6 | 780 | 2360 | 5.8 |
| | | 3.75 | 5.875 | 3.281 | 2.812 | 5.394 | 0.04 | 0.04 | | | | |
| GEZ101ES | GEZ101ES-2RS | 101.6 | 158.75 | 88.9 | 76.2 | 146 | 1 | 1 | 6 | 900 | 2650 | 7 |
| | | 4 | 6.25 | 3.5 | 3 | 5.748 | 0.04 | 0.04 | | | | |
| GEZ107ES | GEZ107ES-2RS | 107.95 | 168.275 | 94.463 | 80.95 | 155 | 1 | 1 | 6 | 1000 | 3000 | 8.4 |
| | | 4.25 | 6.625 | 3.719 | 3.187 | 6.102 | 0.04 | 0.04 | | | | |