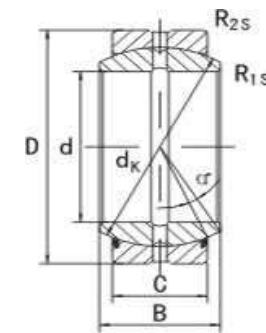




**MICHIGAN MANUFACTURING**  
International



Radial Spherical Plain Bearings  
GE..E(S),GE..ES 2RS

- Outer ring with single split in axial direction.
- Lubrication grooves and holes in the outer and inner rings of type ES.
- Outer ring of type 2RS with lip seals in both sides.
- Both outer and inner rings are properly phosphate treated.

| Part No. | Dimensions mm |     |     |     |     |            |            |               | Load ratings KN |             | Weight kg |       |
|----------|---------------|-----|-----|-----|-----|------------|------------|---------------|-----------------|-------------|-----------|-------|
|          | d             | D   | B   | C   | dk  | R1s<br>min | R2s<br>min | $\alpha$<br>≈ | dyn.<br>C       | stat.<br>C0 |           |       |
| GE5E     | 5             | 14  | 6   | 4   | 10  | 0.3        | 0.3        | 13            | 3.4             | 17          | 0.005     |       |
| 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     |       |
| GE15ES   | GE15ES2RS     | 15  | 26  | 12  | 9   | 22         | 0.3        | 0.3           | 8               | 17          | 85        | 0.025 |
| GE16ES   | GE16ES2RS     | 16  | 30  | 14  | 10  | 25         | 0.3        | 0.3           | 10              | 21.2        | 106       | 0.041 |
| GE17ES   | GE17ES2RS     | 17  | 30  | 14  | 10  | 25         | 0.3        | 0.3           | 10              | 21.2        | 106       | 0.041 |
| GE20ES   | GE20ES2RS     | 20  | 35  | 16  | 12  | 29         | 0.6        | 0.3           | 9               | 30          | 146       | 0.061 |
| GE25ES   | GE25ES2RS     | 25  | 42  | 20  | 16  | 35.5       | 0.6        | 0.6           | 7               | 48          | 240       | 0.11  |
| GE30ES   | GE30ES2RS     | 30  | 47  | 22  | 18  | 40.7       | 0.6        | 0.6           | 6               | 62          | 310       | 0.14  |
| GE35ES   | GE35ES2RS     | 35  | 55  | 25  | 20  | 47         | 0.6        | 1.0           | 6               | 80          | 400       | 0.22  |
| GE40ES   | GE40ES2RS     | 40  | 62  | 28  | 22  | 53         | 0.6        | 1.0           | 7               | 100         | 500       | 0.30  |
| GE45ES   | GE45ES2RS     | 45  | 68  | 32  | 25  | 60         | 0.6        | 1.0           | 7               | 127         | 640       | 0.41  |
| GE50ES   | GE50ES2RS     | 50  | 75  | 35  | 28  | 66         | 0.6        | 1.0           | 6               | 156         | 780       | 0.53  |
| GE55ES   | GE55ES2RS     | 55  | 85  | 40  | 32  | 74         | 0.6        | 1             | 7               | 200         | 1000      | 0.94  |
| GE60ES   | GE60ES2RS     | 60  | 90  | 44  | 36  | 80         | 1.0        | 1.0           | 6               | 245         | 1220      | 1.00  |
| GE70ES   | GE70ES2RS     | 70  | 105 | 49  | 40  | 92         | 1.0        | 1.0           | 6               | 315         | 1560      | 1.50  |
| GE80ES   | GE80ES2RS     | 80  | 120 | 55  | 45  | 105        | 1.0        | 1.0           | 6               | 400         | 2000      | 2.20  |
| GE90ES   | GE90ES2RS     | 90  | 130 | 60  | 50  | 115        | 1.0        | 1.0           | 5               | 490         | 2450      | 2.70  |
| GE100ES  | GE100ES2RS    | 100 | 150 | 70  | 55  | 130        | 1.0        | 1.0           | 7               | 610         | 3050      | 4.30  |
| GE110ES  | GE110ES2RS    | 110 | 160 | 70  | 55  | 140        | 1.0        | 1.0           | 6               | 655         | 3250      | 4.70  |
| GE120ES  | GE120ES2RS    | 120 | 180 | 85  | 70  | 160        | 1.0        | 1.0           | 6               | 950         | 4750      | 8.00  |
| GE140ES  | GE140ES2RS    | 140 | 210 | 90  | 70  | 180        | 1.0        | 1.0           | 7               | 1080        | 5400      | 11.00 |
| GE160ES  | GE160ES2RS    | 160 | 230 | 105 | 80  | 200        | 1.0        | 1.0           | 8               | 1360        | 6800      | 14.00 |
| GE180ES  | GE180ES2RS    | 180 | 260 | 105 | 80  | 225        | 1.0        | 1.0           | 6               | 1530        | 7650      | 18.50 |
| GE200ES  | GE200ES2RS    | 200 | 290 | 130 | 100 | 250        | 1.1        | 1.1           | 7               | 2120        | 10600     | 28.00 |
| GE220ES  | GE220ES2RS    | 220 | 320 | 135 | 100 | 275        | 1.1        | 1.1           | 8               | 2320        | 11600     | 35.51 |
| GE240ES  | GE240ES2RS    | 240 | 340 | 140 | 100 | 300        | 1.1        | 1.1           | 8               | 2550        | 12700     | 39.91 |
| GE260ES  | GE260ES2RS    | 260 | 370 | 150 | 110 | 325        | 1.1        | 1.1           | 7               | 3030        | 15190     | 51.54 |
| GE280ES  | GE280ES2RS    | 280 | 400 | 155 | 120 | 350        | 1.1        | 1.1           | 6               | 3570        | 17850     | 65.06 |
| GE300ES  | GE300ES2RS    | 300 | 430 | 165 | 120 | 375        | 1.1        | 1.1           | 7               | 3800        | 19100     | 78.07 |