



View the complete SKF food line stainless steel deep groove ball bearings (metric) product range.  
- SKF Food line stainless steel deep groove ball bearing part number chart

| SKF Food line stainless steel deep groove ball bearings, metric |    |    |                    |                |                    |                 |                |        |                   |
|---|----|----|--------------------|----------------|--------------------|-----------------|----------------|--------|-------------------|
| Principal dimensions  |    |    | Basic load ratings |                | Fatigue load limit | Speed ratings   |                | Mass   | Designation       |
| d   | D  | B  | dynamic            | static         |                    | Reference speed | Limiting speed |        |                   |
| mm  |    |    | C                  | C <sub>0</sub> | P <sub>u</sub>     | r/min           | kg             | –      |                   |
| 8   | 22 | 7  | 1 990              | 780            | 34                 | –               | 22 000         | 0,0117 | W 608-2RS1/VP311  |
|   |    |    |                    |                |                    |                 |                |        |                   |
| 10  | 26 | 8  | 3 970              | 1 960          | 83                 | –               | 19 000         | 0,0185 | W 6000-2RS1/VP311 |
|   | 30 | 9  | 4 360              | 2 320          | 100                | –               | 16 000         | 0,0304 | W 6200-2RS1/VP311 |
| 12  | 28 | 8  | 4 420              | 2 360          | 102                | –               | 16 000         | 0,0198 | W 6001-2RS1/VP311 |
|   | 32 | 10 | 5 720              | 3 000          | 127                | –               | 15 000         | 0,0362 | W 6201-2RS1/VP311 |
| 15  | 32 | 9  | 4 880              | 2 800          | 120                | –               | 14 000         | 0,0288 | W 6002-2RS1/VP311 |
|   | 35 | 11 | 6 370              | 3 600          | 156                | –               | 13 000         | 0,0442 | W 6202-2RS1/VP311 |
| 17  | 35 | 10 | 4 940              | 3 150          | 137                | –               | 13 000         | 0,0385 | W 6003-2RS1/VP311 |
|   | 40 | 12 | 8 060              | 4 750          | 200                | –               | 12 000         | 0,0647 | W 6203-2RS1/VP311 |
| 20  | 42 | 12 | 8 060              | 5 000          | 212                | –               | 11 000         | 0,0657 | W 6004-2RS1/VP311 |
|   | 47 | 14 | 10 800             | 6 550          | 280                | –               | 10 000         | 0,1047 | W 6204-2RS1/VP311 |
| 25  | 47 | 12 | 8 710              | 5 850          | 250                | –               | 9 500          | 0,077  | W 6005-2RS1/VP311 |
|   | 52 | 15 | 11 700             | 7 650          | 335                | –               | 8 500          | 0,1291 | W 6205-2RS1/VP311 |
| 30  | 55 | 13 | 11 400             | 8 150          | 355                | –               | 8 000          | 0,113  | W 6006-2RS1/VP311 |
|   | 62 | 16 | 16 500             | 11 200         | 480                | –               | 7 000          | 0,1958 | W 6206-2RS1/VP311 |
| 35  | 62 | 14 | 13 800             | 10 200         | 440                | –               | 6 700          | 0,1475 | W 6007-2RS1/VP311 |
|   | 72 | 17 | 22 100             | 15 300         | 655                | –               | 6 000          | 0,2792 | W 6207-2RS1/VP311 |
| 40  | 68 | 15 | 14 600             | 11 400         | 490                | –               | 6 300          | 0,1856 | W 6008-2RS1/VP311 |
|   | 80 | 18 | 25 100             | 17 600         | 750                | –               | 5 600          | 0,3578 | W 6208-2RS1/VP311 |