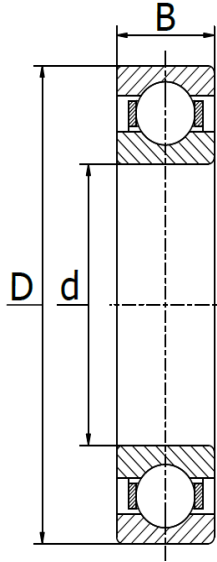


## SS 6900 2RS - Stainless Steel Single Row Ball Bearings

Shaft Sizes from 3 mm up to 60 mm. Operating temperature range: -30°C to +110°C



### Bearing inserts:

Inner & Outer Races: AISI 420-440 Stainless

Balls: AISI 420-440 Stainless

Seals: Rubber

Grease: Food Grade FDA & NSF approved

| Part no.    | Dimensions (mm) |    |    | Basic load Ratings (N) |                    | Limiting Speeds (RPM) |        | Weight (kg) |
|-------------|-----------------|----|----|------------------------|--------------------|-----------------------|--------|-------------|
|             | d               | D  | B  | Dynamic<br>$C_r$       | Static<br>$C_{or}$ | Grease                | Oil    |             |
| SS 693 2RS  | 3               | 8  | 3  | 0,32                   | 0,09               | 54.000                | 63.000 | 0,001       |
| SS 694 2RS  | 4               | 11 | 4  | 0,54                   | 0,18               | 45.000                | 52.000 | 0,002       |
| SS 695 2RS  | 5               | 13 | 4  | 0,76                   | 0,34               | 34.000                | 43.000 | 0,002       |
| SS 696 2RS  | 6               | 15 | 5  | 0,76                   | 0,34               | 32.000                | 40.000 | 0,004       |
| SS 697 2RS  | 7               | 17 | 5  | 0,92                   | 0,37               | 30.000                | 38.000 | 0,005       |
| SS 698 2RS  | 8               | 19 | 6  | 1,25                   | 0,46               | 28.000                | 36.000 | 0,008       |
| SS 699 2RS  | 9               | 20 | 6  | 2,12                   | 1,06               | 27.000                | 34.000 | 0,009       |
| SS 6900 2RS | 10              | 22 | 6  | 2,70                   | 1,30               | 22.000                | 32.000 | 0,008       |
| SS 6901 2RS | 12              | 24 | 6  | 2,90                   | 1,50               | 20.000                | 28.000 | 0,010       |
| SS 6902 2RS | 15              | 28 | 7  | 4,30                   | 2,30               | 18.000                | 26.000 | 0,012       |
| SS 6903 2RS | 17              | 30 | 7  | 4,60                   | 2,60               | 15.000                | 24.000 | 0,014       |
| SS 6904 2RS | 20              | 37 | 9  | 6,40                   | 3,70               | 12.000                | 22.000 | 0,031       |
| SS 6905 2RS | 25              | 42 | 9  | 7,00                   | 4,50               | 10.000                | 18.000 | 0,038       |
| SS 6906 2RS | 30              | 47 | 9  | 7,20                   | 5,00               | 8.500                 | 16.000 | 0,043       |
| SS 6907 2RS | 35              | 55 | 10 | 9,50                   | 6,80               | 7.500                 | 14.000 | 0,078       |
| SS 6908 2RS | 40              | 62 | 12 | 13,70                  | 9,90               | 6.300                 | 12.000 | 0,103       |
| SS 6909 2RS | 45              | 68 | 12 | 14,10                  | 10,90              | 5.600                 | 11.000 | 0,123       |
| SS 6910 2RS | 50              | 72 | 12 | 14,50                  | 11,70              | 5.300                 | 10.000 | 0,132       |
| SS 6911 2RS | 55              | 80 | 13 | 18,43                  | 12,90              | 4.500                 | 9.500  | 0,177       |
| SS 6912 2RS | 60              | 85 | 13 | 20,29                  | 14,20              | 4.300                 | 9.000  | 0,191       |