

# Browning®

## Mounted Ball Bearings



**Duty:** Standard

**Rolling Elements:** Ball

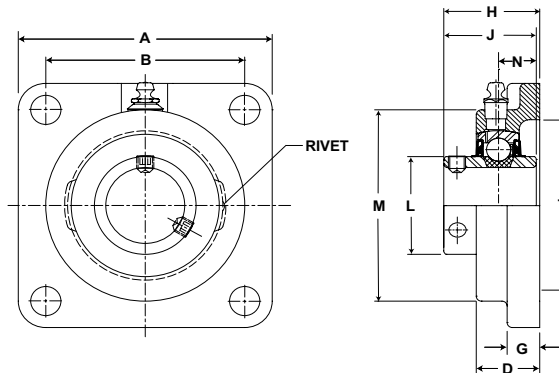
**Housing:** Cast Iron Four Bolt Flange

**Self Alignment:** +/- 1.5 Degrees

**Lock:** Setscrew

**Seal:** Contact and Flinger

**Temperature:** -20° to 200°F



### VF4S 200 Series Standard Duty Four Bolt Flanges - Setscrew Locking - Inch

| Bore Diameter |      | Part No.  | Bearing Insert No. | Basic Dynamic Rating lb/N | Dimensions inch / mm |       |         |       |         |         |         |        |       |         | Bolt Size | Unit Wt. lb/kg |
|---------------|------|-----------|--------------------|---------------------------|----------------------|-------|---------|-------|---------|---------|---------|--------|-------|---------|-----------|----------------|
| inch          | mm   |           |                    |                           | A                    | B*    | D       | G     | H       | J       | L       | M      | N     | T Cored |           |                |
| 1/2           | 12.7 | VF4S-208  | VS-208             | 2108                      | 3                    | 2 1/8 | 23/32   | 3/8   | 1 5/64  | 1 1/32  | 31/32   | 2 1/8  | 13/32 | 1 3/4   | 3/8       | 1.1            |
| 5/8           | 15.9 | VF4S-210  | VS-210             | 9377                      | 76.2                 | 54.0  | 18.3    | 9.5   | 27.4    | 26.2    | 24.6    | 54.0   | 10.3  | 44.5    | 3/8       | .50            |
| 3/4           | 19.1 | VF4S-212  | VS-212             | 2611<br>11614             | 3 3/8                | 2 1/2 | 57/64   | 7/16  | 1 9/32  | 1 7/32  | 1 3/16  | 2 1/2  | 1/2   | 2       | 3/8       | 1.4<br>.64     |
| 7/8           | 22.2 | VF4S-214  | VS-214             | 2801                      | 3 3/4                | 2 3/4 | 61/64   | 1/2   | 1 7/16  | 1 3/8   | 1 3/8   | 2 3/4  | 9/16  | 2 1/2   | 7/16      | 1.6            |
| 15/16         | 23.8 | VF4S-215  | VS-215             | 12459                     | 95.3                 | 69.9  | 24.2    | 12.7  | 36.5    | 34.9    | 34.9    | 69.9   | 14.3  | 63.5    | 7/16      | .73            |
| 1             | 25.4 | VF4S-216  | VS-216             |                           |                      |       |         |       |         |         |         |        |       |         |           |                |
| 1 1/8         | 28.6 | VF4S-218  | VS-218             | 4381                      | 4 1/4                | 3 1/4 | 1 5/64  | 17/32 | 1 9/16  | 1 1/2   | 1 19/32 | 3 1/8  | 5/8   | 2 7/8   | 7/16      | 2.6            |
| 1 3/16        | 30.2 | VF4S-219  | VS-219             | 19487                     | 108.0                | 82.6  | 27.4    | 13.5  | 39.7    | 38.1    | 40.5    | 79.4   | 15.9  | 73.0    | 7/16      | 1.18           |
| 1 1/4         | 31.8 | VF4S-220S | VS-220S            |                           |                      |       |         |       |         |         |         |        |       |         |           |                |
| 1 1/4         | 31.8 | VF4S-220  | VS-220             | 5782                      | 4 5/8                | 3 5/8 | 1 5/32  | 19/32 | 1 3/4   | 1 11/16 | 1 55/64 | 3 5/8  | 11/16 | 3 1/4   | 1/2       | 3.6            |
| 1 3/8         | 34.9 | VF4S-222  | VS-222             | 25718                     | 117.5                | 92.1  | 29.4    | 15.1  | 44.5    | 42.9    | 47.2    | 92.1   | 17.5  | 82.6    | 1/2       | 1.63           |
| 1 7/16        | 36.5 | VF4S-223  | VS-223             |                           |                      |       |         |       |         |         |         |        |       |         |           |                |
| 1 1/2         | 38.1 | VF4S-224  | VS-224             | 7340<br>32648             | 5 1/8                | 4     | 1 19/64 | 5/8   | 2 1/64  | 1 15/16 | 2 1/16  | 4 1/8  | 3/4   | 3 1/2   | 1/2       | 4.9<br>2.22    |
| 1 5/8         | 41.3 | VF4S-226  | VS-226             | 7901                      | 5 3/8                | 4 1/8 | 1 21/64 | 5/8   | 2 3/64  | 1 15/16 | 2 19/64 | 4 3/8  | 3/4   | 3 7/8   | 9/16      | 5.2            |
| 1 11/16       | 42.9 | VF4S-227  | VS-227             | 35144                     | 136.5                | 104.8 | 33.7    | 15.9  | 52.0    | 49.2    | 58.3    | 111.1  | 19.1  | 98.4    | 9/16      | 2.36           |
| 1 3/4         | 44.5 | VF4S-228  | VS-228             |                           |                      |       |         |       |         |         |         |        |       |         |           |                |
| 1 15/16       | 49.2 | VF4S-231  | VS-231             | 7889                      | 5 5/8                | 4 3/8 | 1 23/64 | 5/8   | 2 5/32  | 2 1/32  | 2 15/32 | 4 9/16 | 3/4   | 4       | 9/16      | 5.6            |
| 2             | 50.8 | VF4S-232S | VS-232S            | 35090                     | 142.9                | 111.1 | 34.5    | 15.9  | 54.8    | 51.6    | 62.7    | 115.9  | 19.1  | 101.6   | 9/16      | 2.54           |
| 2             | 50.8 | VF4S-232  | VS-232             | 9752                      | 6 3/8                | 5 1/8 | 1 33/64 | 13/16 | 2 5/16  | 2 3/16  | 2 23/32 | 5 1/4  | 7/8   | 4 1/4   | 5/8       | 7.9            |
| 2 3/16        | 55.6 | VF4S-235  | VS-235             | 43377                     | 161.9                | 130.2 | 38.5    | 20.6  | 58.7    | 55.6    | 69.1    | 133.4  | 22.2  | 108.0   | 5/8       | 3.58           |
| 2 1/4         | 57.2 | VF4S-236  | VS-236             | 11789                     | 6 7/8                | 5 5/8 | 1 11/16 | 13/16 | 2 11/16 | 2 3/16  | 2 63/64 | 5 7/16 | 1     | 5       | 5/8       | 9.6            |
| 2 7/16        | 61.9 | VF4S-239  | VS-239             | 52437                     | 174.6                | 142.9 | 42.9    | 20.6  | 68.3    | 55.6    | 75.8    | 138.1  | 25.4  | 127.0   | 5/8       | 4.35           |

\* To obtain bolt circle multiply B x 1.414".

Metric dimensions for reference only.

Not all parts are available from stock. Please contact customer service for availability (800) 626-2120.

For more information on bearing capabilities outside of our standard offering, please contact Application Engineering (800) 626-2093.