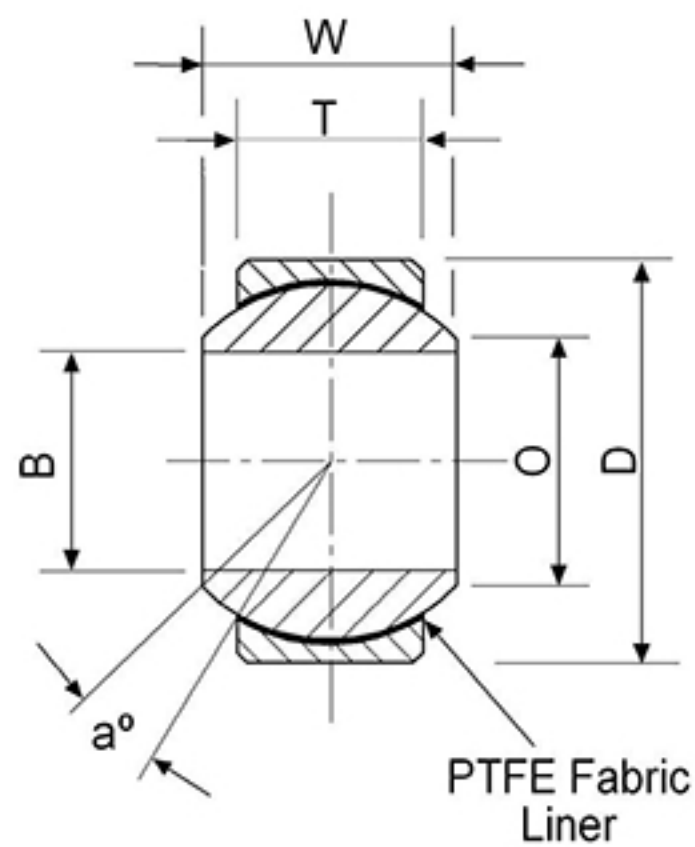
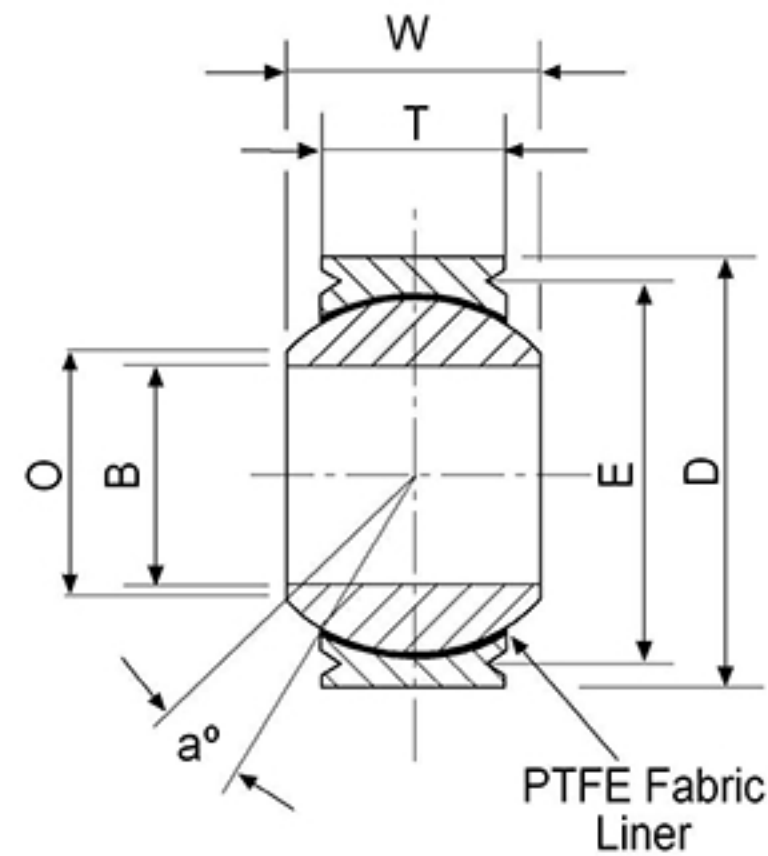


## WSSB & WSSB..V



• WSSB



• WSSB-V

| Bearing No. |         | B<br>+.0000<br>-.0005 | D<br>+.0000<br>-.0005 | W<br>+.000<br>-.002 | T<br>±.005    | E<br>+.000<br>-.010   | O<br>REF              | REF              | a°                | Static<br>Radial<br>Limit Load<br>(Pounds) | Static<br>Axial<br>Limit Load<br>(Pounds) | Dynzmic<br>Oscillating<br>Radial<br>Load<br>(Pounds) | Approx.<br>Weight<br>(Pounds) |
|-------------|---------|-----------------------|-----------------------|---------------------|---------------|-----------------------|-----------------------|------------------|-------------------|--------------------------------------------|-------------------------------------------|------------------------------------------------------|-------------------------------|
|             |         | Ball<br>Bore          | Outside<br>Diameter   | Ball<br>Width       | Race<br>Width | "V"Groove<br>Diameter | Ball Flat<br>Diameter | Ball<br>Diameter | Misalign<br>Angle |                                            |                                           |                                                      |                               |
| WSSB3       | WSSB3V  | .1900                 | .6250                 | .437                | .327          | .565                  | .301                  | .531             | 15                | 9,000                                      | 1,770                                     | 3,770                                                | .031                          |
| WSSB4       | WSSB4V  | .2500                 | .6250                 | .437                | .327          | .565                  | .301                  | .531             | 15                | 9,000                                      | 1,770                                     | 3,770                                                | .031                          |
| WSSB5       | WSSB5V  | .3125                 | .6875                 | .437                | .317          | .627                  | .401                  | .593             | 14                | 9,400                                      | 1,640                                     | 4,650                                                | .035                          |
| WSSB6       | WSSB6V  | .3750                 | .8125                 | .500                | .406          | .714                  | .471                  | .687             | 8                 | 13,700                                     | 2,630                                     | 6,390                                                | .060                          |
| WSSB7       | WSSB7V  | .4375                 | .9375                 | .562                | .442          | .839                  | .542                  | .781             | 10                | 20,700                                     | 3,650                                     | 9,390                                                | .080                          |
| WSSB8       | WSSB8V  | .5000                 | 1.0000                | .625                | .505          | .902                  | .612                  | .875             | 9                 | 27,500                                     | 4,970                                     | 12,150                                               | .100                          |
| WSSB10      | WSSB10V | .6250                 | 1.1875                | .750                | .567          | 1.089                 | .752                  | 1.062            | 12                | 39,000                                     | 6,130                                     | 16,700                                               | .160                          |
| WSSB12      | WSSB12V | .7500                 | 1.3750                | .875                | .630          | 1.253                 | .892                  | 1.250            | 13                | 52,300                                     | 7,730                                     | 22,100                                               | .240                          |
| WSSB14      | WSSB14V | .8750                 | 1.6250                | .875                | .755          | 1.503                 | 1.061                 | 1.375            | 6                 | 67,300                                     | 10,800                                    | 28,200                                               | .350                          |
| WSSB16      | WSSB16V | 1.0000                | 2.1250                | 1.375               | 1.005         | 2.003                 | 1.275                 | 1.875            | 12                | 137,000                                    | 19,300                                    | 53,700                                               | .970                          |

**Ball**  
440c Stainless Steel  
Rc 56 Min.

**Race**  
17-4 PH  
Stainless Steel  
Heat Treated

**Liner**  
PTFE Fabric  
Permanently Bonded  
to Race I.D.

This series is also available with an optional 52100 heat treated and hard chrome plated ball. To specify this configuration use p/n WSBT(3-16) or WSBT(3-16)V in place of part numbers in table.