

## Carbon Steel Ball Valve Fig. 2000BV-FP

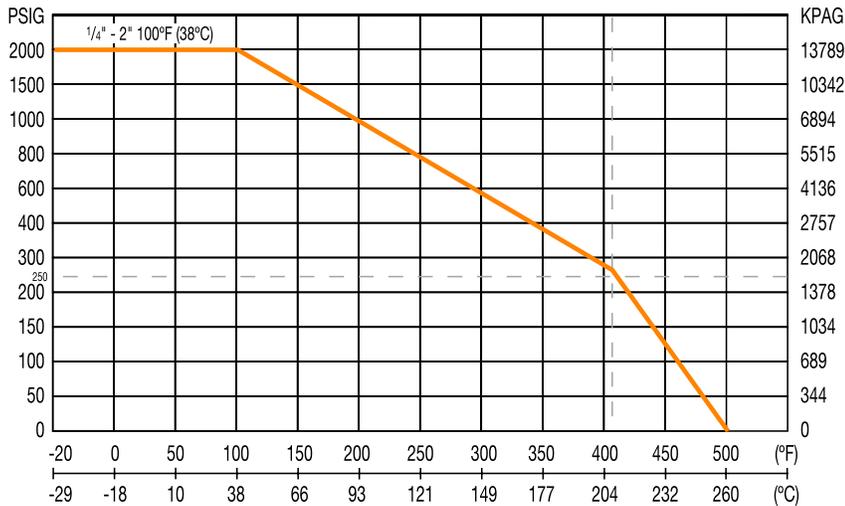


### Material Specifications

- 1. Body**  
A216 WCB
- 2. Ball**  
SS316
- 3. End Cap**  
A216 WCB
- 4. Seat**  
RPTFE
- 5. Body Seal**  
RPTFE
- 6. Stem**  
SS316
- 7. Stem Seal**  
PTFE
- 8. Handle**  
SS201
- 9. Handle Cover**  
PVC
- 10. Thrust Washer**  
RPTFE
- 11. Gland Nut**  
SS304
- 12. Handle Washer**  
SS304
- 13. Handle Nut**  
A2-70
- 14. Locking Pad**  
SS201

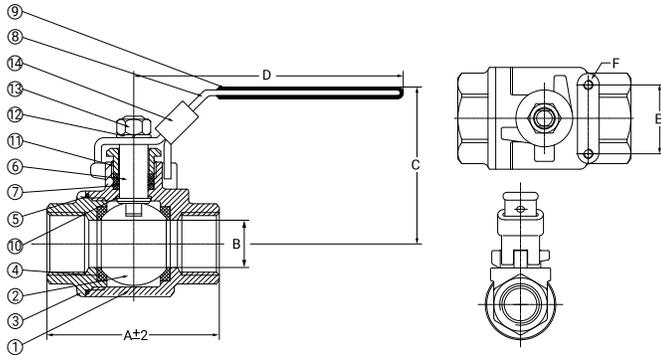
### General Specifications

- Full Port
- Working Pressure:  
1/4" - 2" 2000WOG
- 2 Piece Body
- Blow Out Proof Stem
- PTFE/RPTFE Seal and Packing
- Locking Handle
- Threads Conform to  
ASME B1.20.1 (NPT)
- NACE MR0175



PROJECT INFORMATION	APPROVAL STAMP
Project:	Approved
Address:	Approved as noted
Contractor:	Not approved
Engineer:	Remarks:
Submittal Date:	
Notes 1:	
Notes 2:	

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**Fig. 2000BV-FP Dimensions**

Nom. Size	Pressure	Dimensions						Approx. Wt. Ea.
		A	B	C	D	E	F	
In./mm	PSI/bar	In./mm	In./mm	In./mm	In./mm	In./mm		Lbs./kg
1/4 8	2000 137.9	2 <sup>11</sup> / <sub>64</sub> 55	7/ <sub>16</sub> 11	2 <sup>3</sup> / <sub>32</sub> 53	3 <sup>29</sup> / <sub>32</sub> 99	1 <sup>7</sup> / <sub>64</sub> 28	12-24UNC	0.62 0.29
3/8 10	2000 137.9	2 <sup>11</sup> / <sub>16</sub> 55	1 <sup>5</sup> / <sub>32</sub> 12	2 <sup>3</sup> / <sub>32</sub> 53	3 <sup>29</sup> / <sub>32</sub> 99	1 <sup>7</sup> / <sub>64</sub> 28	12-24UNC	0.62 0.29
1/2 15	2000 137.9	2 <sup>7</sup> / <sub>16</sub> 62	1 <sup>9</sup> / <sub>32</sub> 15	2 <sup>9</sup> / <sub>32</sub> 58	4 <sup>1</sup> / <sub>8</sub> 105	1 <sup>7</sup> / <sub>64</sub> 28	1/4-20UNC	0.82 0.38
3/4 20	2000 137.9	3 <sup>5</sup> / <sub>64</sub> 78	5 <sup>1</sup> / <sub>64</sub> 20	2 <sup>31</sup> / <sub>64</sub> 63	4 <sup>11</sup> / <sub>16</sub> 119	1 <sup>7</sup> / <sub>64</sub> 28	1/4-20UNC	1.48 0.68
1 25	2000 137.9	3 <sup>35</sup> / <sub>64</sub> 90	6 <sup>3</sup> / <sub>64</sub> 25	2 <sup>51</sup> / <sub>64</sub> 71	6 <sup>7</sup> / <sub>64</sub> 155	1 <sup>3</sup> / <sub>8</sub> 35	1/4-20UNC	2.28 1.05
1 1/4 32	2000 137.9	3 <sup>55</sup> / <sub>64</sub> 98	1 <sup>17</sup> / <sub>64</sub> 32	3 <sup>5</sup> / <sub>64</sub> 78	6 <sup>3</sup> / <sub>16</sub> 157	1 <sup>3</sup> / <sub>8</sub> 35	1/4-20UNC	3.26 1.50
1 1/2 40	2000 137.9	4 <sup>21</sup> / <sub>32</sub> 118	1 1/2 38	3 <sup>5</sup> / <sub>8</sub> 92	6 <sup>49</sup> / <sub>64</sub> 172	1 <sup>15</sup> / <sub>32</sub> 37	1/4-20UNC	5.43 2.50
2 50	2000 137.9	5 <sup>23</sup> / <sub>64</sub> 136	1 <sup>57</sup> / <sub>64</sub> 48	3 <sup>15</sup> / <sub>16</sub> 100	8 <sup>21</sup> / <sub>32</sub> 220	1 <sup>15</sup> / <sub>32</sub> 37	1/4-20UNC	7.83 3.60



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