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PBV® Severe Service Ball Valve Solutions

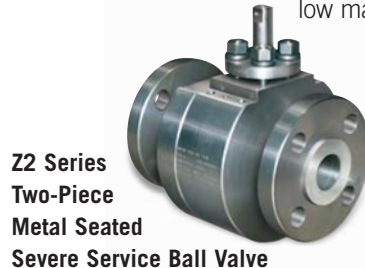
PBV® Series Z1, Z2 & Z3 One, Two & Three-Piece Metal Seated Severe Service Ball Valves

PBV® introduces their NEW Series of Severe Service Ball Valves engineered for zero-leakage and critical applications.

When it comes to media leakage and critical isolation, now you can strike back with PBV®'s superior quality, long lasting, low maintenance metal seated ball valve solution.



**Z1 Series Unibody High-Pressure Severe Service Ball Valve**



**Z2 Series Two-Piece Metal Seated Severe Service Ball Valve**



**Z3 Series Three-Piece Double Ball, Double Block & Bleed Severe Service Valve**

PBV® Severe Service Ball Valves • How To Order

Specifying PBV® Metal Seated Severe Service Valve Figure Numbers

**Example: 2.5 x 2 Z125-2240C-99-G418** • This number represents a 2.5" NPS x 2" Bore Series Z1 One-Piece Power Valve in ANSI Class 2500, with F22 Body Material and 410 SS Ball and Seat Material Coated with HVOF Chromium Carbide, SWE Upstream End Connection and a SWE Downstream End Connection, equipped with Gear Operator and 4" Tall Mounting Bracket with an ISO F10 Mounting Pattern and a 36 mm Coupler.

**2.5 x 2      Z1      25 - 22      40      C - 9      9 - G      4      1      8**

NPS x Bore (in.)		Series	ANSI Class	Body Material	Ball & Seat Material	Ball & Seat Coating	Upstream End Conn.	Downstream End Conn.	Operator	Bracket Height	ISO 5211 Mounting Pattern	Coupler Size
Z1*	Z2**											
.75 x .65	1/2	<b>Z1</b>	<b>10</b>	<b>5</b>	<b>36</b>	<b>C</b>	<b>1</b>	<b>1</b>	<b>A</b>	<b>4</b>	<b>0</b>	<b>6</b>
1 x 1	3/4	1-PC	150 Class	A105	316 SS	HVOF Chromium Carbide	Raised Face Flange	Raised Face Flange	Actuator	4"	F07	22 mm
1.5 x 1.4	1 1/2	Power Valve	<b>30</b>	<b>22</b>	<b>40</b>				<b>B</b>	<b>6</b>	<b>1</b>	<b>7</b>
2 x 1.75	2	<b>Z1-SB</b>	300 Class	F22	410 SS		<b>3</b>	<b>3</b>	Bare Stem	6"	F10	27 mm
2.5 x 2	3	1-PC	<b>60</b>	<b>91</b>	<b>43</b>	<b>T</b>	RTJ	RTJ	(Specify	<b>8</b>	<b>2</b>	<b>8</b>
3 x 2.5	4	Sootblower	600 Class	F91	431 SS	HVOF	<b>5</b>	<b>5</b>	Bracket & Mntg.Pad)	8"	F12	36 mm
4 x 3	6	<b>Z2-FPU</b>	<b>90</b>	<b>36</b>	<b>44</b>	Tungsten Carbide	BWE	BWE		<b>12</b>	<b>3</b>	<b>9</b>
6 x 3.5	8	2-PC	900 Class	316 SS	431 SS		(Specify	(Specify	<b>G</b>	12"	F14	46 mm
8 x 4	10	Full Port	<b>15</b>	<b>4</b>	<b>51</b>	<b>S</b>	Pipe Sched.)	Pipe Sched.)	Gear	<b>16</b>	<b>4</b>	<b>K</b>
10 x 6	12	Uni-direction.	1500 Class	304 SS	F51 Duplex	Stellite®	<b>8</b>	<b>8</b>	<b>L</b>	16"	F16	Keyed
12 x 8	14	<b>Z2-FPB</b>	<b>25</b>	<b>51</b>	<b>55</b>	<b>X</b>	NPT	NPT	Lever	<b>X</b>	<b>5</b>	<b>SP</b>
	16	2-PC	2500 Class	F51 Duplex	F55 Duplex	Special	<b>9</b>	<b>9</b>		Special	F25	Special
	18	Full Port	<b>32</b>	<b>55</b>	<b>71</b>		SWE	SWE				
	20	Bi-directional	3200 Class	F55 Duplex	Monel®							
	24	<b>Z2-RPU</b>	<b>35</b>	<b>SP</b>	<b>73</b>							
		2-PC	3500 Class	Special	Hastelloy® C							
		Full Port	<b>45</b>		<b>74</b>							
		Uni-direction.	4500 Class		Inconel® 718							
		<b>Z2-RPB</b>			<b>75</b>							
		2-PC			Inconel® 625							
		Full Port			<b>SP</b>							
		Bi-directional			Special							
		<b>Z3</b>										
		3-PC Double Block & Bleed										

\*When placing orders please include NPS x Bore size before "Series" number. \*\*Z2 Valves are available in FP and RP configurations.