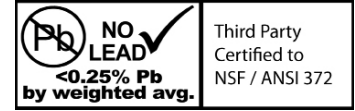


0921(S) SERIES PVC MOLDED-IN-PLACE BALL VALVE

SPECIFICATION:

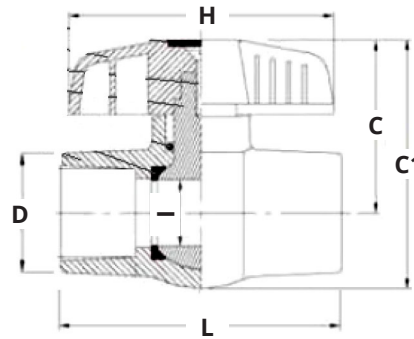
- Threads conform to ANSI/ASME B1.20.1
- Slip connections conform to ASTM D2466
- Working Temperature Range: 41°F to 122°F (5°C to 55°C)
- Max Pressure Rating: 150 PSI @ 73°F(22°C)
- White PVC body, suitable for both schedule 40 & 80 pipe
- Seal material: EPDM o-ring
- Seat material: EPDM
- Black ABS handle



CERTIFICATION:

- NSF/ANSI Standard 61 & 372 Certified

| MATERIAL LIST | |
|---------------|----------|
| Name | Material |
| Body | UPVC |
| Ball Seat | EPDM |
| Stem O-ring | EPDM |
| Ball / Stem | UPVC |
| Handle | ABS |
| Screw | Steel |
| Cap | ABS |



| DIMENSIONS | | | | | | | | | | | | | | | |
|-------------------|---------------|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------------|
| Part No. Threaded | Part No. Slip | Nominal Size | I | | D | | C1 | | C | | L | | H | | Weight grams |
| | | | inches | mm | inches | mm | inches | mm | inches | mm | inches | mm | inches | mm | |
| 0921-05 | 0921S-05 | 1/2" | 0.55 | 14.00 | 1.18 | 30.00 | 2.49 | 63.00 | 1.75 | 44.00 | 3.27 | 83.00 | 2.76 | 70.00 | 95 |
| 0921-07 | 0921S-07 | 3/4" | 0.79 | 20.00 | 1.50 | 38.00 | 3.08 | 78.00 | 2.12 | 54.00 | 3.74 | 95.00 | 3.46 | 88.00 | 144 |
| 0921-10 | 0921S-10 | 1" | 0.98 | 25.00 | 1.77 | 45.00 | 3.73 | 95.00 | 2.61 | 66.00 | 4.17 | 106.00 | 3.94 | 100.00 | 220 |
| 0921-12 | 0921S-12 | 1-1/4" | 1.18 | 30.00 | 2.13 | 54.00 | 3.88 | 99.00 | 2.64 | 67.00 | 4.49 | 114.00 | 3.94 | 100.00 | 326 |
| 0921-15 | 0921S-15 | 1-1/2" | 1.42 | 36.00 | 2.44 | 62.00 | 4.46 | 113.00 | 2.98 | 76.00 | 5.12 | 130.00 | 4.29 | 109.00 | 467 |
| 0921-20 | 0921S-20 | 2" | 1.83 | 47.00 | 3.03 | 77.00 | 5.30 | 135.00 | 3.48 | 89.00 | 5.79 | 147.00 | 5.28 | 134.00 | 708 |
| 0921-25 | 0921S-25 | 2-1/2" | 2.36 | 60.00 | 3.62 | 92.00 | 6.30 | 160.00 | 4.13 | 105.00 | 8.03 | 204.00 | 7.01 | 178.00 | 1120 |
| 0921-30 | 0921S-30 | 3" | 3.03 | 77.00 | 4.17 | 106.00 | 7.54 | 192.00 | 4.92 | 125.00 | 9.02 | 229.00 | 8.82 | 224.00 | 2140 |
| 0921-40 | 0921S-40 | 4" | 3.93 | 100.00 | 5.31 | 135.00 | 9.17 | 233.00 | 5.83 | 148.00 | 11.81 | 300.00 | 10.87 | 276.00 | 3030 |

Temperature Correction Factor for PVC Valves

As temperature increases, working pressure decreases. The optimal working pressure for PVC valves is 150 PSI @ 73°F (22°C). If the temperature increases above 73°F (22°C), use the PVC correction factor to determine working pressure. Multiply the maximum working pressure by the correction factor.

| Temperature | 73°F (22°C) | 90°F (32°C) | 100°F (38°C) | 110°F (38°C) | 120°F (49°C) | 130°F (54°C) | 140°F (60°C) |
|-----------------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|
| PVC Correction Factor | 1.00 | 1.00 | 1.00 | 0.83 | 0.66 | 0.50 | 0.33 |



25 Whaley Avenue, PO Box 310, Milverton, ON CANADA N0K 1M0
Tel: 800-561-3164

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