



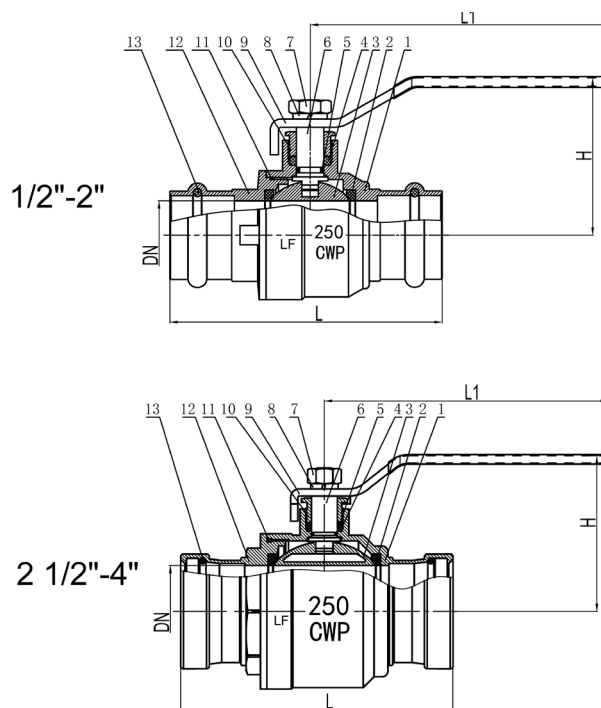
Water Press Ball Valves

Dimensions

	PART #	SIZE	DN (IN)	L (IN)	L1 (IN)	H (IN)	WEIGHT (LB)	WEIGHT (G)
	NSV-012	1/2"	0.584"	3.152"	3.424"	1.790"	0.47	213.2
	NPV-034	3/4"	0.739"	3.560"	4.241"	2.070"	0.807	366.0
	NPV-100	1"	0.973"	3.872"	4.241"	2.226"	1.142	518.0
	NPV-114	1-1/4"	1.245"	4.358"	5.564"	2.498"	1.669	757.0
	NPV-112	1-1/2"	1.556"	5.292"	5.564"	2.712"	2.582	1171.2
	NPV-200	2"	1.918"	6.420"	5.564"	3.004"	3.585	1626.1
	NPV-212	2-1/2"	2.490"	7.374"	7.588"	4.202"	7.915	3590.2
	NPV-300	3"	2.860"	8.074"	8.093"	4.533"	10.203	4628.0
	NPV-400	4"	3.794"	9.767"	8.949"	5.428"	18.153	8234.1

Materials

#	PART	MATERIAL
1	BODY	LF Brass
2	SEALS	PTFE
3	BALL	Stainless Steel
4	PACKING	PTFE
5	WASHER	NBR
6	STEM	Brass (1/2" - 2")
		Stainless Steel (2-1/2" - 4")
7	HANDLE NUT	Plated Steel
8	LOCK DEVICE	Plated Steel
9	HANDLE	Plated Steel
10	PACKING NUT	Plated Steel
11	GASKET	NBR
12	GLAND	LF Brass
13	O-RING	EPDM



The information contained herein is not intended to replace the full product installation and safety information available or the experience of a trained product installer. You are required to thoroughly read all installation instructions and product safety information before beginning the installation of a product.

All installations must completely comply with all NDL Industries warnings and instructions, national state and local codes and all applicable ANSI standards.

NDL Industries product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Customer

Service. NDL Industries reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on NDL products previously or subsequently sold.



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Hydronic Valves

TECHNICAL SPECIFICATIONS SUBMITTAL FORM

Job Name:	Submittal Date:	Wholesaler:
Job Location:	Engineer/Architect:	Contractor:

Product Use:

A range of valves to include boiler drain valves, water ball valves, press ball valves, and gas shut off valves for use in hydronics applications.

Design and Features:

- Boiler Drain Valves and Quarter Turn Boiler Drain Valves are multi-purpose
- Gas Shut Off Valves feature PTFE seats and NBR O-Rings to reduce contamination buildup
- Ball Valves have a lead-free, full port forged brass body, while Leaded Ball Valves have a leaded brass body
- Ball Valves have a packing gland and O-ring on stem for reliable seal

Operating Specifications:

- Maximum Working Pressure: 125 PSI/Maximum Temperature: 150.80°F (66°C) - Boiler Drain Valves, and Quarter Turn Boiler Valves
- Maximum Working Pressure: 250 PSI/Maximum Temperature: 203°F (95°C) - Gas Shutoff Valves, and Water Press Ball Valves
- Maximum Working Pressure: 600 PSI/Working Temperature: 20 to 300 °F (-28 to 148 °C) . - Water Sweat Ball Valves, Water Sweat Ball Valves with Drain, Water Threaded Ball Valves, and Water Threaded Ball Valves with Drain

Certifications and Approvals:

- ANSI B1.20.01 - Gas Shut Off Valves, Boiler Drain Valves, and Quarter Turn Boiler Valves
- ANSI B1.20.07 - Boiler Drain Valves, and Quarter Turn Boiler Valves
- ASME B16.51 - Water Press Ball Valves
- ASME B16.18/ASME B1.20.1 - Leaded Water Sweat Ball Valves
- ASME A112.18 .1/CSA B125.1 - Boiler Drain Valves, and Quarter Turn Boiler Valves
- CSA Approved - Water Sweat Ball Valves, Water Sweat Ball Valves, Gas Shut Off Valves
- cUPC - Water Press Ball Valves, Water Sweat Ball Valves, Water Sweat Ball Valves with Drain, Boiler Drain Valves, and Quarter Turn Boiler Valves
- FM Approved - Water Sweat Ball Valves, Water Sweat Ball Valves with Drain
- UL Certified - Water Sweat Ball Valves, Water Sweat Ball Valves with Drain
- NSF61 Approved, and conform to NSF372

