

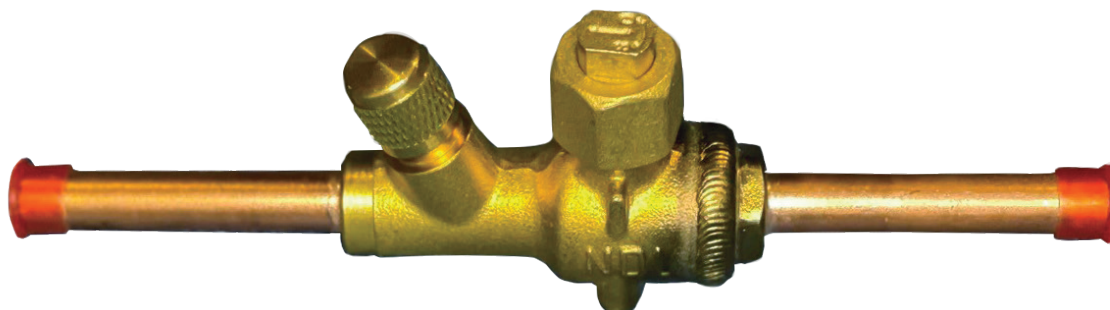


APPLICATIONS

Refrigeration, Commercial HVAC, VRV, VRF, Multi-mini Split, and Sub-critical Applications.

NBV-SZ Press Compatible Ball Valve

NDL ball valves perform unlike any other in its class for leak prevention, reliability, and superior field performance.



Specifications

Heavy-duty Full Port Valves

Built to last with 900 PSIG working pressure on sizes up to 7/8".

Teflon Seals and Seats

Reduce service calls, refrigerant loss, and environmental contamination with our cone-shaped 100% virgin Teflon seals and seats that will not shrink or leak, eliminating seal replacement during changeovers.

Bottom-Up Stem Installation

Our stem placement is engineered from the bottom up. If there is an accidental over-pressurization in the valve, it will not blow the stem out and lose the charge. Plus, using the virgin Teflon seals ensures no need for seal replacement.

Two-Piece Cap Nut

No need to remove the cap during installation or service. Loosen the nut, turn 1/4 of the stem cap, and open the valve fully; close by turning 1/4 again. Tighten the nut, and the job is complete.

Oven-brazed Construction

Joined together with a smooth and equal brazing process to prevent pinhole leaks.

Quality Tested

Tested with 95% nitrogen and 5% hydrogen solution at 450 PSIG to detect and correct any leaks before leaving the factory.

Unparalleled Two-year Warranty

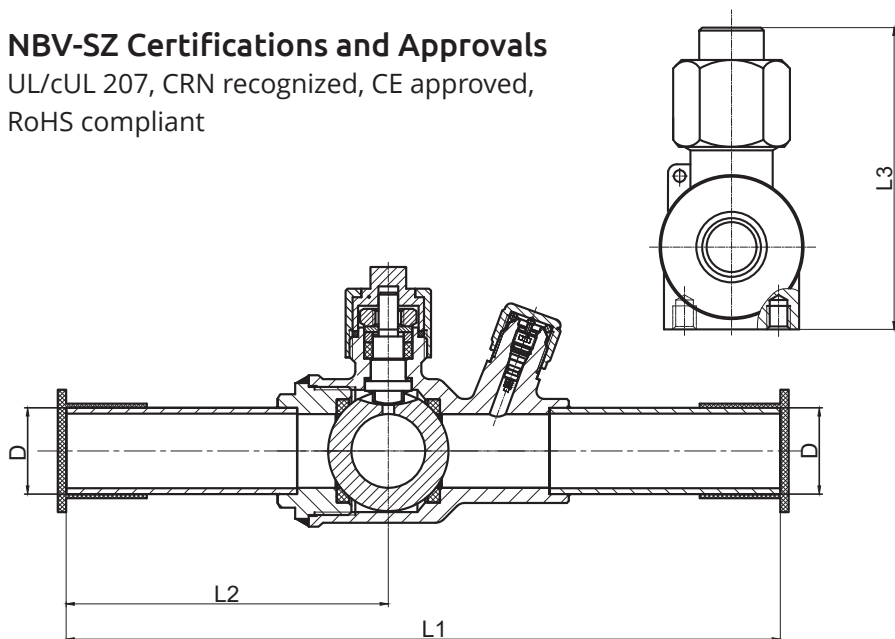
Our warranty proves confidence, along with proudly stamping every valve with a serial number and cleanly packaging in a poly-bag to prevent contamination and malfunctions.



NBV-SZ Press Compatible Ball Valve

NBV-SZ Certifications and Approvals

UL/cUL 207, CRN recognized, CE approved,
RoHS compliant



NBV-IN Insulation

EPDM-based, closed cell, light-weight elastomeric thermal insulation for temperatures up to 150°C (302°F).

- Tough skin for easy installation
- Self-extinguished and does not melt when burned
- Indoor and outdoor use
- NBV-IN-S: compatible with 1/4" to 5/8" ball valves with Schrader
- NBV-IN-M: compatible with 3/4" to 7/8" ball valves with Schrader

NBV-SZ Dimensions

Model	SIZE	MAX. WORKING PRESSURE		D		L1		L2		L3		Weight	
		PSI	BAR	in	mm	in	mm	in	mm	in	mm	lbs	mm
NBV02SZ	1/4"	900	62	0.25	6.35	6.75	171.50	2.98	75.80	2.02	51.30	0.463	0.210
NBV03SZ	3/8"	900	62	0.37	9.52	6.34	161.00	2.80	71.00	2.02	51.30	0.474	0.215
NBV04SZ	1/2"	900	62	0.50	12.70	6.56	166.50	2.89	73.30	2.02	51.30	0.496	0.225
NBV05SZ	5/8"	900	62	0.63	15.90	6.77	172.00	2.05	52.00	2.30	58.40	0.710	0.320
NBV06SZ	3/4"	900	62	0.75	19.10	6.99	177.50	3.15	80.00	2.60	66.00	0.990	0.450
NBV07SZ	7/8"	900	62	0.88	22.30	7.24	184.00	3.27	83.00	2.60	66.00	1.100	0.500
NBV09SZ	1-1/8"	700	48	1.13	28.60	8.16	207.20	3.52	89.50	3.27	83.00	1.900	0.860