

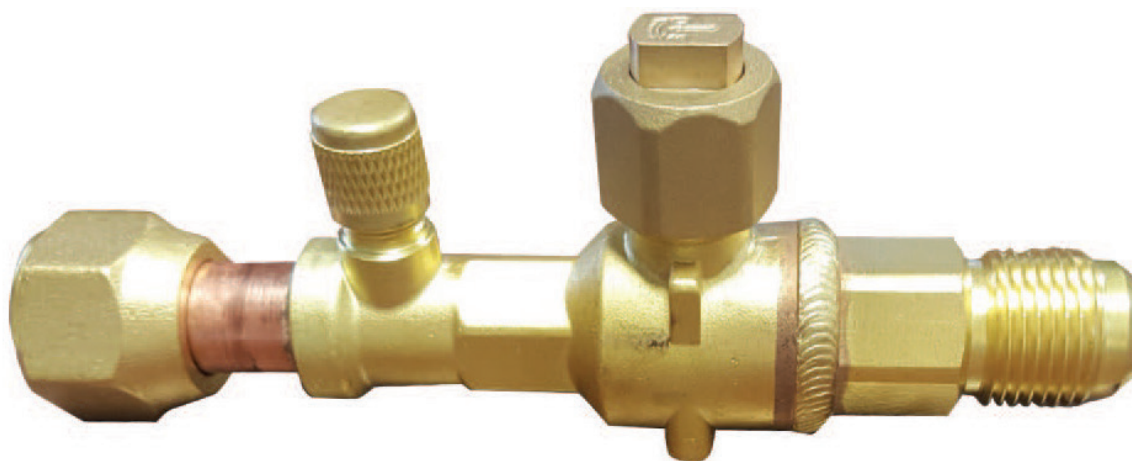


APPLICATIONS

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

NBV-MSFFS Mini Split Reverse 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

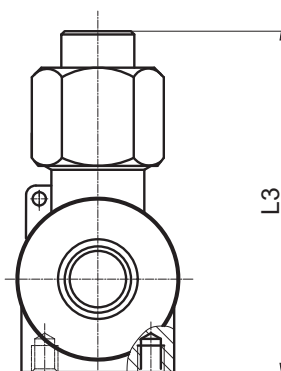
Our warranty proves confidence, along with proudly stamping every valve with a serial number and cleanly packaging in a poly-bag to prevent contamination and malfunctions.



NBV-MSFFS Mini Split Reverse Ball Valves

NBV-MSFFS Certifications and Approvals

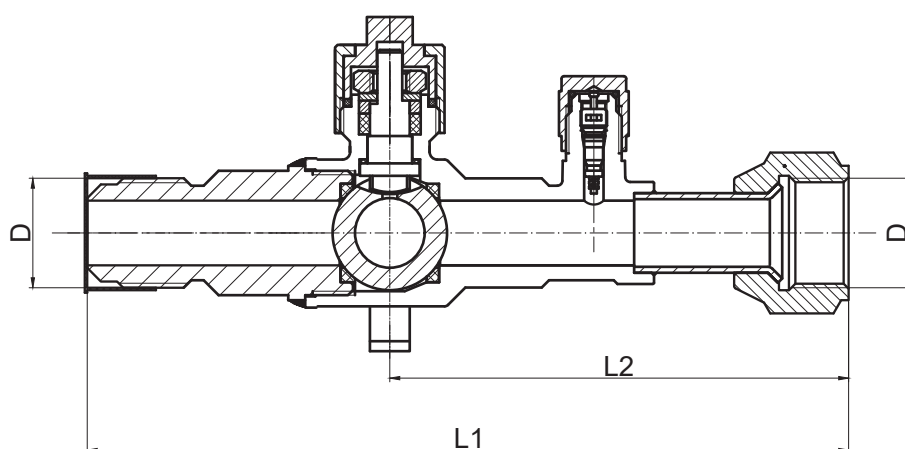
UL/cUL 207, CRN recognized, CE approved, RoHS compliant



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-MSFFS Dimensions

Model	SIZE	MAX. WORKING PRESSURE		D	L1		L2		L3		Weight	
		PSI	BAR		in	mm	in	mm	in	mm	lbs	kg
NBV14MSFFS	1/4"	900	62	7/16-20UNF	4.92	125.00	3.15	80.00	2.02	51.30	0.507	0.230
NBV38MSFFS	3/8"	900	62	5/8-18UNF	4.80	122.00	2.80	71.00	2.02	51.30	0.595	0.270
NBV12MSFFS	1/2"	900	62	3/4-16UNF	6.02	153.00	4.02	102.00	2.02	51.30	0.628	0.285
NBV58MSFFS	5/8"	900	62	7/8-14UNF	6.02	153.00	3.63	92.20	2.30	58.40	0.948	0.430