



NDL Industries

APPLICATIONSCommercial, Industrial, and Residential CO₂ Refrigeration

Stainless Steel Ball Valves (CO₂-S/D)

NDL CO₂ ball valves perform unlike any other in its class for leak prevention, reliability, and superior field performance.



CO₂-C Specifications

Exceptional Safety Margins

Our valves can hold five times their maximum working pressure, netting a tremendous safety margin for any ball valve used in CO₂ systems.

Quality Tested

Each valve is helium tested at the factory to guarantee leak-free performance.

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.

Stainless Steel Body

The NDL CO₂ valves feature a stainless steel body for stainless steel and copper-alloy connections.

Size and Connections

A wide range of sizes and connection types makes our valves compatible with main pipe types manufactured from copper iron alloys and stainless steel.

Unparalleled Two-year Warranty

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



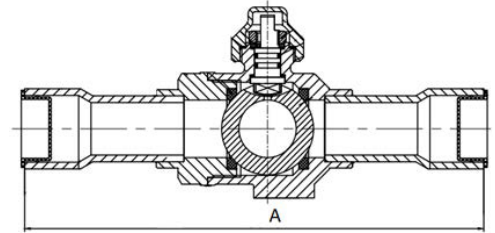
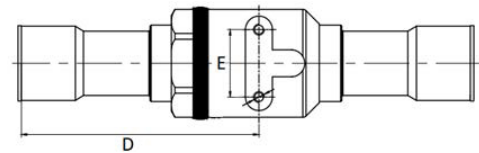
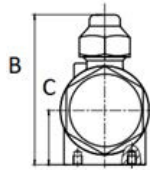
C194 Copper Ball Valves

Operating Specifications

- Temperature: -40° to 302°F (-40°C to 150°C)
- Burst Pressure: 5 times the working pressure

Certifications and Approvals

- RoHS
- UL-certified
- CE-approved
- CRN-approved



CO₂-C Sizes, Kv/Cv, and Pressure Ratings

PART NUMBER	CONNECTION ODS	BALL PORT SIZE	KV	CV
	IN	MM	M3/H	GPM
CO2-02C	0.25 (1/4")	10	0.8	0.9
CO2-03C	0.375" (3/8")	10	3	3.5
CO2-04C	0.5" (1/2")	10	5	5.8
CO2-05C	0.625" (5/8")	14	17	19.7
CO2-06C	0.75" (3/4")	18	17	19.7
CO2-07C	0.875" (7/8")	19	29	33.5
CO2-09C	1.125" (1-1/8")	25	51	59.0
CO2-11C	1.375" (1-3/8")	31	81	93.6
CO2-13C	1.625" (1-5/8")	37	105	121.4
CO2-17C	2.125" (2-1/8")	50	214	247.4

