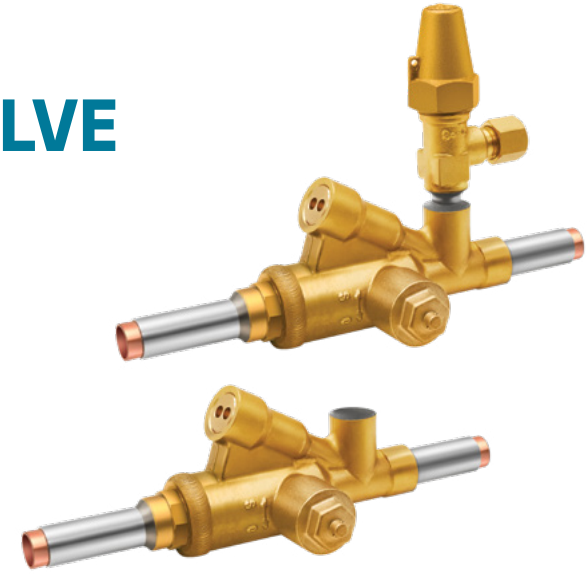
***CBVP** SERIES*

BALL VALVE WITH INTEGRATED CHECK-VALVE



The ball valve of series CBVP is applicable for commercial transcritical CO_2 refrigeration applications. The CBVP integrates ball valve, check valve and service valve, which is applicable for branched systems, like in a supermarket, for suction lines to protect the evaporator. It can also be used as a service valve during maintenance, which is applicable to evacuate or charge refrigerant, and can also be used to connect the pressure gauges or sensors.

FEATURES

- COMPACT DESIGN, SAVING INSTALLATION SPACE WITH ALL 3 FUNCTIONS IN 1
- INTEGRATING A CHECK VALVE FOR PRESSURE RELIEF PURPOSE AND WITH SERVICEABLE PISTON
- SERVICE VALVE INSTEAD OF SCHRADER VALVE WITH BETTER RELIABILITY AND LONGER LIFESPAN
- FULL METAL VALVE CAP WITH EFFECTIVE SECONDARY SEALING
- THE ONLY PRODUCT IN THE INDUSTRY THAT INTEGRATES A BALL VALVE, CHECK VALVE, AND SERVICE VALVE
- THE VERSION WITHOUT SERVICE VALVE IS AVAILABLE

GENERAL SPECIFICATIONS

- Applicable for R744 (CO_2)
- Medium temperature TS min./max.: -40°C / +150°C
- Max. Operating Pressure PS: 140 bar
- Installation position: liquid, suction and discharge line in all directions
- Certifications: PED, UL (on going)
- Isolation shell is in preparation



BALL VALVE WITH INTEGRATED CHECK-VALVE



GENERAL CHARACTERISTICS

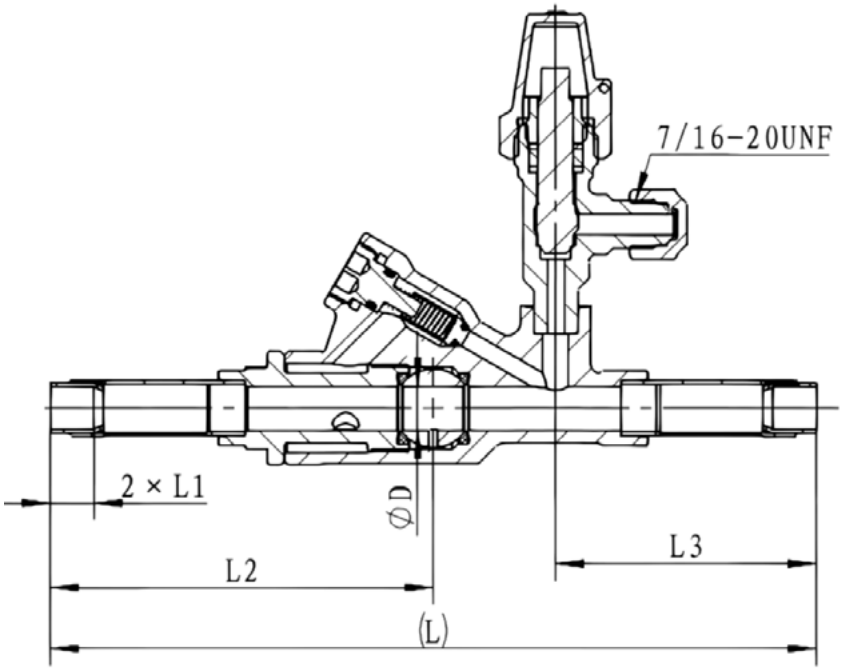
With Service Valve				Connection Ød ODF		Kv	DN	Wrench Size Ball Valve Cap [mm]	PED Category [Fluid Group 2]	Without Service Valve		
Model	Product Number	Wrench Size of Service Valve Cap [mm]	Weight [g]	[inch]	[mm]	[m³/h]				Model	Product Number	Weight [g]
CBVP03H401	CBVP0000102	H22	520	3/8	-	2.4	11,1	H14	Art. 4.3	CBVP03H001	CBVP0000802	387
CBVP03H402	CBVP0000602	H22	520	-	10	2.4	11,1	H14	Art. 4.3	CBVP03H002	CBVP0000902	387
CBVP04H401	CBVP0000202	H22	530	1/2	-	4.9	12,8	H14	Art. 4.3	CBVP04H001	CBVP0000202	379
CBVP04H402	CBVP0000702	H22	530	-	12	4.9	12,8	H14	Art. 4.3	CBVP04H002	CBVP0000702	396
CBVP05H401	CBVP0000302	H22	660	5/8	-	9.6	16	H14	Art. 4.3	CBVP05H001	CBVP0001302	529
CBVP05H402	CBVP0001202	H22	660	-	16	9.6	16	H14	Art. 4.3	CBVP05H002	CBVP0001402	527
CBVP06H401	CBVP0000402	H22	900	3/4	-	15.8	19,6	H17	Art. 4.3	CBVP06H001	CBVP0001602	899
CBVP06H402	CBVP0001502	H22	900	-	18	15.8	19,6	H17	Art. 4.3	CBVP06H002	CBVP0001702	769
CBVP07H401	CBVP0000502	H22	910	7/8	22	23.1	22,4	H17	Art. 4.3	CBVP07H001	CBVP0001802	781

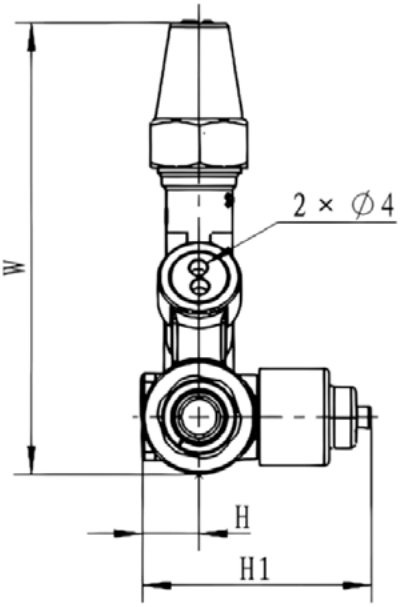
BALL VALVE WITH INTEGRATED CHECK-VALVE



DIMENSIONS

1) Models with Service Valve



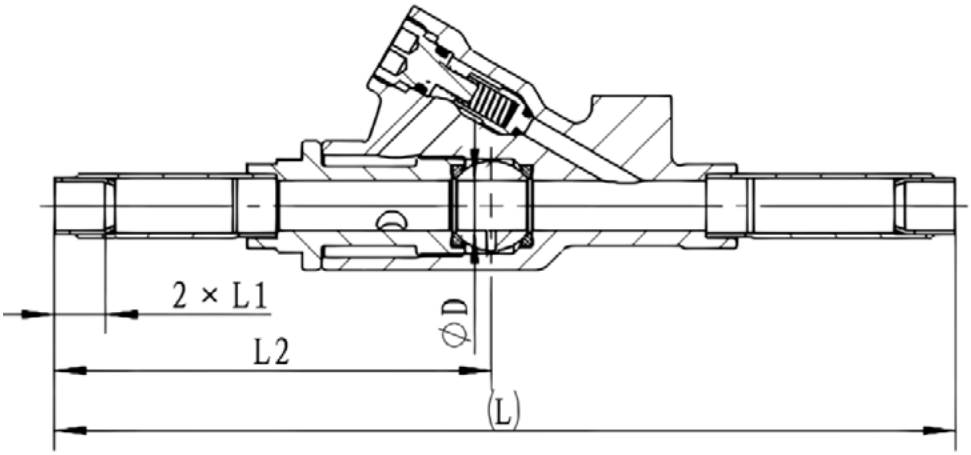


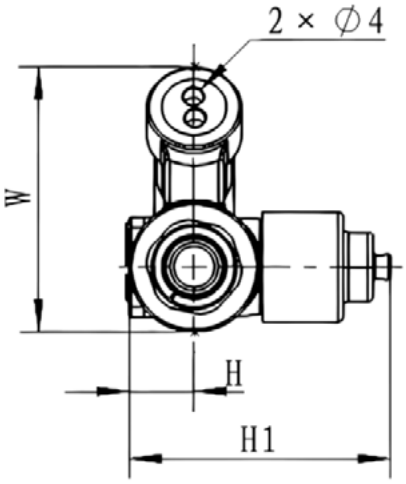
Model	L	L1	L2	L3	D	H
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
CBVP03H401	169	10	81.5	59.5	10	13
CBVP03H402	169	10	81.5	59.5	10	13
CBVP04H401	183	13	88.5	67.0	10	13
CBVP04H402	183	13	88.5	67.0	10	13
CBVP05H401	200	16	96.5	71.5	14	16
CBVP05H402	200	16	96.5	71.5	14	16
CBVP06H401	199	17	97.0	70.0	19	20
CBVP06H402	199	17	97.0	70.0	19	20
CBVP07H401	199	17.5	97.0	70.0	19	20

BALL VALVE WITH INTEGRATED CHECK-VALVE



2) Models without Service Valve





Model	L	L1	L2	L3	D	H
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
CBVP03H001	169	10	81.5	10	13	13
CBVP03H002	169	10	81.5	10	13	13
CBVP04H001	183	13	88.5	10	13	13
CBVP04H002	183	13	88.5	10	13	13
CBVP05H001	200	16	96.5	14	16	16
CBVP05H002	200	16	96.5	14	16	16
CBVP06H001	199	17	97.0	19	20	20
CBVP06H002	199	17	97.0	19	20	20
CBVP07H001	199	17.5	97.0	19	20	20

