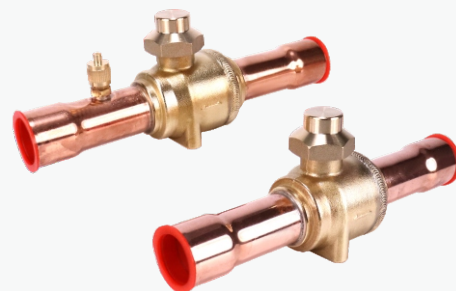
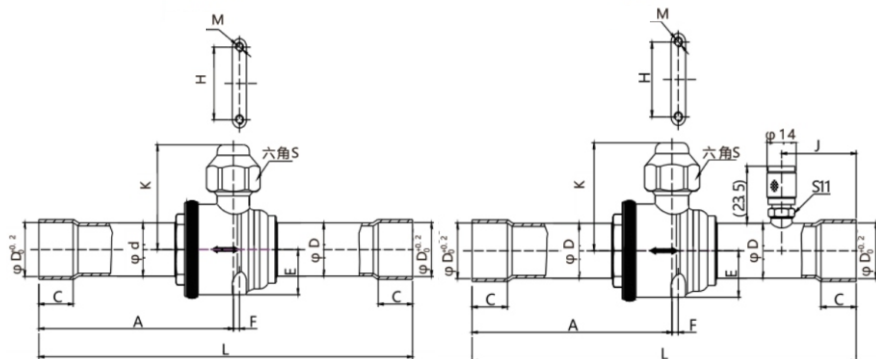


LFBV

Ball Valve



Model LFBV ball valve is a manually regulated shut-off valve, which is applicable to two-direction flow. Model LFBV ball valve is used on the liquid, air suction and hot vapor piping of the freezer, could store and air conditioning unit. The valve seat of Model LFBV ball valve is well sealed with perfect sealing performance. Model LFBV ball valve is a through-type ball valve with maximum flow rate and wide scope of operating temperature. Model LFBV ball valve is equipped with a secondary sealing cap.

Overall Dimension

Model	A	C	D	d	E	F	K	M	J	H	L
LFBV-6s	57	6	6.5	10	14	0	32.5	M4	20	44	110
LFBV-10s	65	8	10.1	10	14	0	32.5	M4	26	44	126
LFBV-12s	67	10	12.8	12	14	0	32.5	M4	26	44	130
LFBV-10	73	9	10.1	16	14.5	2	38	M4	30	50	138
LFBV-12	83	10	12.8	16	14.5	2	38	M4	30	50	159
LFBV-16	83	12	16.1	16	14.5	2	38	M4	30	50	159
LFBV-19	97	14	19.1	19	16.5	3	42	M4	36	58	185
LFBV-22	96	17	22.3	22	19	3	43	M4	36	58	185
LFBV-28	108	20	28.7	28	24	4	52.5	M4	44	66	208
LFBV-35	130	25	35.2	35	30	5	64	M6	44	80	251
LFBV-42	145	29	41.5	41.3	35	6	74	M6	56	87	281
LFBV-54	157	35	54.2	54	45.5	9	83.5	M6	56	106	305
LFBV-67	157	37	67	54	45.5	9	83.5	M6	63	106	305
LFBV-79	157	40	79.6	54	45.5	9	83.5	M6	63	106	305
LFBV-67A	171	37	67	66.8	54	16	94	M6	72	117	343
LFBV-79A	207	37	79.6	79.4	64	16	104	M6	80	117	413

Model Selection

Model	Size	OD(mm)	Kv(m3/h)	Model	Size	OD(mm)	Kv(m3/h)
LFBV-6s	1/4(φ6)	10	2	LFBV-28	1-1/8(φ28)	25	52.0
LFBV-10s	3/8(φ10)	φ10	5.7	LFBV-35	1-3/8(φ35)	φ31	80
LFBV-12s	1/2(φ12)	φ10	5.7	LFBV-42	1-5/8(φ42)	φ37	121
LFBV-10	3/8(φ10)	φ14	5.7	LFBV-54	2-1/8(φ54)	φ50	200
LFBV-12	1/2(φ12)	φ14	10.6	LFBV-67	2-5/8(φ67)	φ50	200
LFBV-16	5/8(φ16)	φ14	14.1	LFBV-79	3-1/8(φ79)	φ50	200
LFBV-19	3/4(φ19)	φ16	20.4	LFBV-67A	2-5/8(φ67)	φ60.5	310
LFBV-22	7/8(φ22)	φ19	28.2	LFBV-79A	3-1/8(φ79)	φ73	700

Technical Parameters

General	Value
Applicable Refrigerant	HCFC or HFC (Customer choice)
Applicable Medium Temperature	-40~+120°C
Max. Working Pressure	4.5MPa
Max. Compression Pressure	6.5MPa
Yearly Leakage of Refrigerant	≤2g R22/a