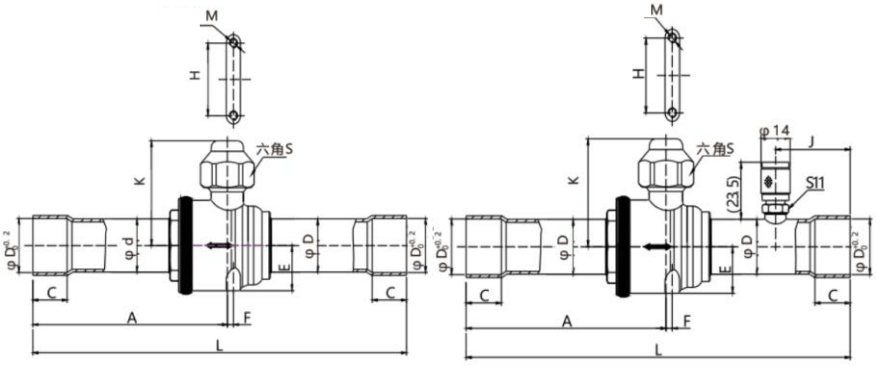
LEFOO

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℃
Max. Working Pressure	4.5MPa
Max. Compression Pressure	6.5MPa
Yearly Leakage of Refrigerant	≤2g R22/a