

GBC型 球阀 Model GBC Ball Valve



- Model GBC ball valve is a through-type ball valve with maximum flow rate and wide scope of operating temperature.
- Model GBC ball valve is equipped with a secondary sealing cap and the metal wire could be used to prevent the sealing cap from missing and avoid any mistake operation in maintenance.

特点 Features

- No pressure drop in flow.
- Only turn 1/4 circle to make valve full open or full close.
- Turning stop for full open or full close.
- Full Open and Full Close mark on top of valve stem.
- Two-direction flow is available.
- 认证Certification • ISO9001 • QS • UL
- Argon arc welded structure.
- Explosion-proof valve stem design.
- Modified PTFE sealing.
- Inside liquid accumulation is avoided.
- Could be mounted on the control panel.

技术参数 Technical Parameters

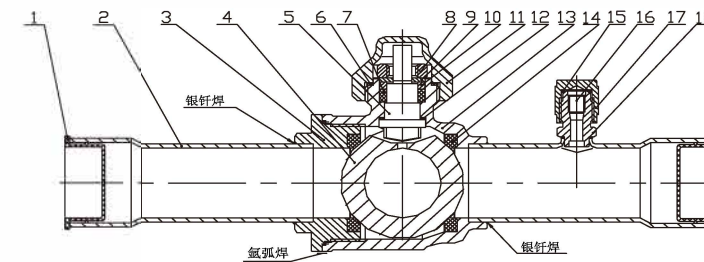
适用制冷剂 Applicable Refrigerant	HCFC or HFC (Customer choice)
适用介质温度 Applicable Medium Temperature	-40℃ ~ +150℃
最大工作压力 Max. Operating Pressure	4.5MPa
最大耐压压力 Max. Test Pressure	6.5MPa
制冷剂年泄漏量 Yearly Leakage of Refrigerant	≤2g R22/a

- GBC型球阀包括2种阀型：一种带充注检测口，一种不带充注检测口。
- Two types of Model GBC ball valve are available: one is equipped with the charging and inspection port; the other is not equipped with the charging and inspection port.

选型 Specification

型号Model	规格Size	通径(OD)mm	Kv值(m ³ /h)	型号Model	规格Size	通径(OD)mm	Kv值(m ³ /h)
GBC-6S	1/4(Φ6)	Φ10	2	GBC-28	1-1/8(Φ28)	Φ25	52.0
GBC-10S	3/8(Φ10)	Φ10	5.7	GBC-35	1-3/8 (Φ35)	Φ31	80
GBC-12S	1/2(Φ12)	Φ10	5.7	GBC-42	1-5/8 (Φ42)	Φ37	121
GBC-10	3/8(Φ10)	Φ14	5.7	GBC-54	2-1/8(Φ54)	Φ50	200
GBC-12	1/2(Φ12)	Φ14	10.6	GBC-67	2-5/8 (Φ67)	Φ50	200
GBC-16	5/8(Φ16)	Φ14	14.1	GBC-79	3-1/8 (Φ79)	Φ50	200
GBC-19	3/4(Φ19)	Φ19	20.4	GBC-67A	2-5/8 (Φ67)	Φ60.5	310
GBC-22	7/8(Φ22)	Φ19	28.2	GBC-79A	3-1/8 (Φ79)	Φ73	700

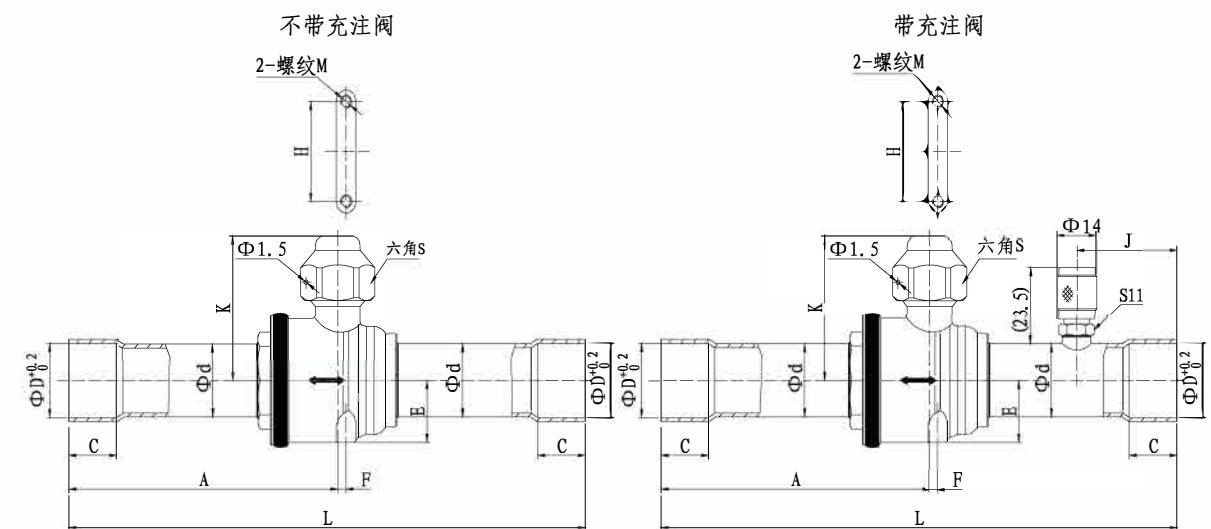
结构 Structure



- 1.防尘帽 2.接管 3.阀盖 4.球阀 5.阀杆 6.阀帽垫片 7.填料环
8.锁紧螺母 9.锁片 10.压圈 11.阀帽 12.密封垫圈(PTFE)
13.阀体 14.密封垫片(改性PTFE) 15.密封环 16.气门芯 17.充注帽
18.充注阀体

- 1.dust cap 2.copper tube 3.valve bonnet 4.valve ball 5.valve stem
6.cap gasket 7.packing ring 8.locknut 9.lock 10.clamping ring
11.valve cap 12.sealing washer 13.valve body 14.seal gasket
15.seal ring 16.valve core 17.charging cap 18.charging valve

外型尺寸 Overall Dimension



型号Model	A	C	D	d	E	F	K	M	J	H	L
GBC-6S	57	7	6.5	10	14	0	32.5	M4	20	16	110
GBC-10S	65	8	10.1	10	14	0	32.5	M4	26	16	126
GBC-12S	67	10	12.8	12	14	0	32.5	M4	26	16	130
GBC-10	73	9	10.1	16	14.5	2	38	M4	30	22	138
GBC-12	83.4	10	12.8	16	14.5	2	38	M4	30	22	159
GBC-16	83.4	12	16.1	16	14.5	2	38	M4	30	22	159
GBC-18	96	14	19.1	22	19	3	43	M4	36	30	185
GBC-22	96	17	22.3	22	19	3	43	M4	36	30	185
GBC-28	108	20	28.7	28	24	4	52.5	M4	44	38	208
GBC-35	130	25	35.2	35	30	5	64	M6	44	48	251
GBC-42	145	29	41.5	41.3	35	6	74	M6	56	55	281
GBC-54	157	35	54.2	54	45.5	9	83.5	M6	56	74	305
GBC-67	157	35	67	54	45.5	9	83.5	M6	63	74	305
GBC-79	157	40	79.6	54	45.5	9	83.5	M6	63	74	305
GBC-67A	171	172	37	66.8	54	9	94	M6	63	84	343
GBC-79A	207	206	37	79.4	64	9	113.5	M6	63	86	413

注：①以上为不带充注口的重量，带充注口的全部多重15g

Note: ① The weight of charging port is excluded from above mentioned weight and it should add 15 g if the charging port is included in any mentioned weight.