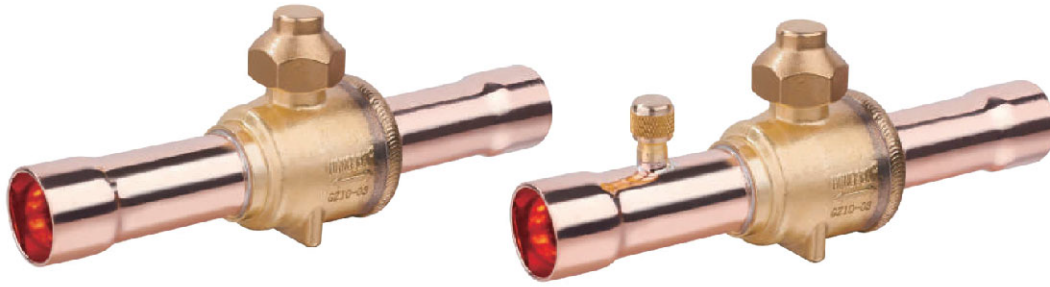


COPPER BALL VALVE

Chiller Manufacturer • HVAC & R Expert • Process Cooling Specialist

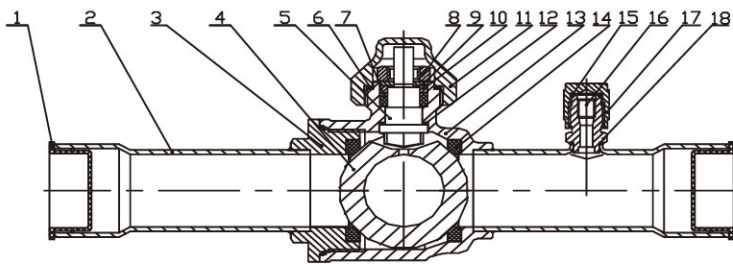


TECHNICAL PARAMETERS

Applicable Refrigerant:	HCFC or HFC (Customer choice)
Applicable Medium Temperature:	-40~ +150°C
Max. Operating Pressure:	4.5MPa
Max. Test Pressure:	6.5MPa
Yearly Leakage of Refrigerant:	≤2g R22/a

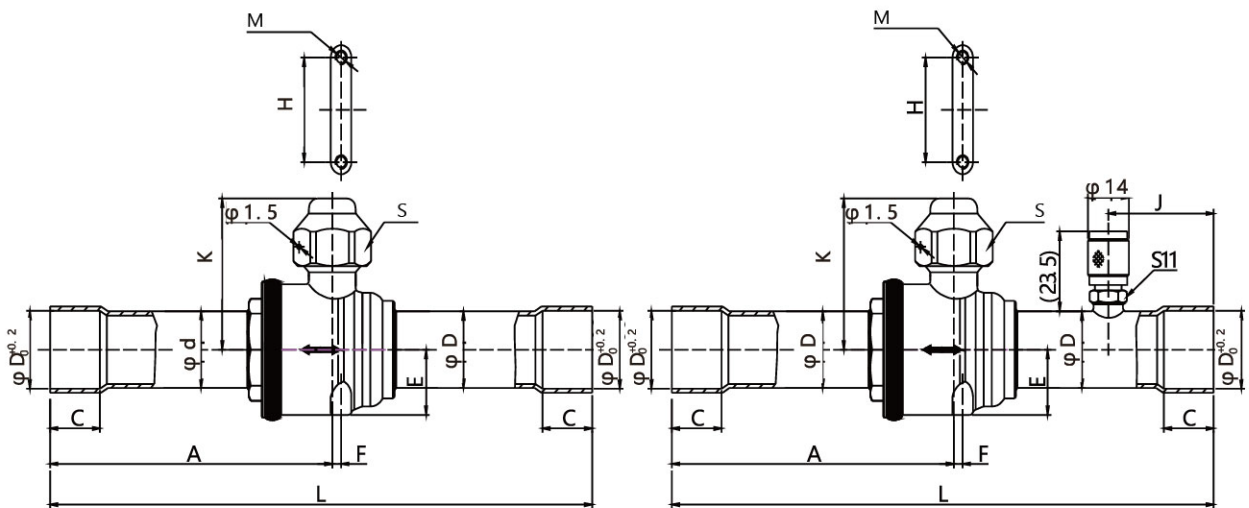
PART NO	DESCRIPTION	Size	OD (mm)	Kv (m3/h)
BALL VALVE 1/4"	1/4" COPPER BALL VALVE - 1.0hp - 1.5hp	1/4 (Φ6)	Φ10	2
BALL VALVE 3/8"	3/8" COPPER BALL VALVE - 2.0hp - 5.0hp	3/8 (Φ10)	Φ10	5.7
BALL VALVE 1/2"	1/2" COPPER BALL VALVE - 5.0hp - 10.0hp	1/2 (Φ12)	Φ14	10.6
BALL VALVE 5/8"	5/8" COPPER BALL VALVE - 10.0hp - 15.0hp	5/8 (Φ16)	Φ14	14.1
BALL VALVE 3/4"	3/4" COPPER BALL VALVE - 15.0hp - 20.0hp	3/4 (Φ19)	Φ19	20.4
BALL VALVE 7/8"	7/8" COPPER BALL VALVE - 20.0hp - 40.0hp	7/8 (Φ22)	Φ19	28.2

STRUCTURE



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

OVERALL DIMENSION



PART NO	A	C	D	d	E	F	K	M	J	H	L
BALL VALVE 1/4"	57	6	6.5	10	14	0	32.5	M4	20	16	110
BALL VALVE 3/8"	65	8	10.1	10	14	0	32.5	M4	26	16	126
BALL VALVE 1/2"	83	10	12.8	16	14.5	2	38	M4	30	22	159
BALL VALVE 5/8"	83	12	16.1	16	14.5	2	38	M4	30	22	159
BALL VALVE 3/4"	96	14	19.1	22	19	3	43	M4	36	30	185
BALL VALVE 7/8"	96	17	22.3	22	19	3	43	M4	36	30	185