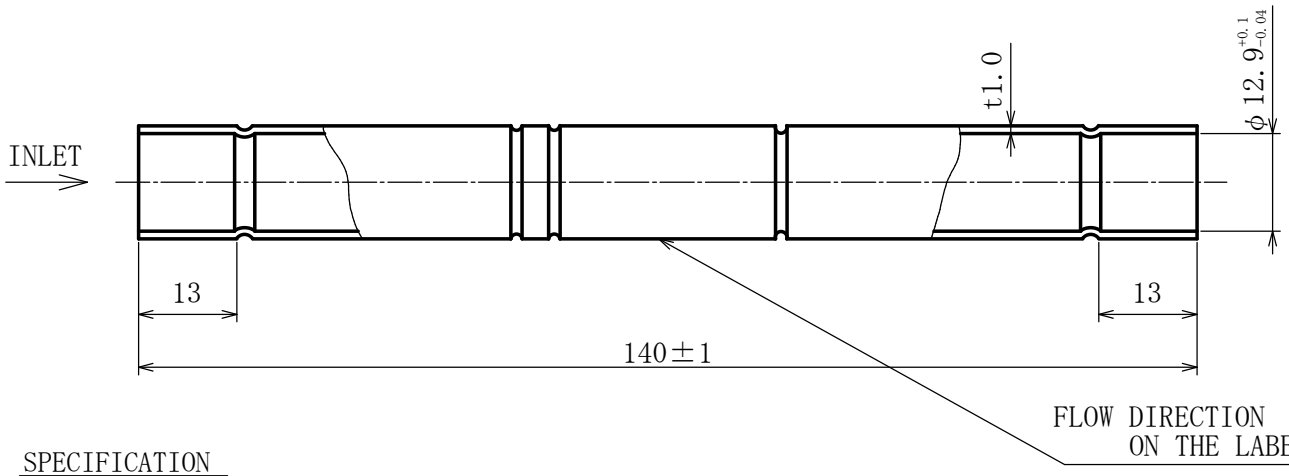
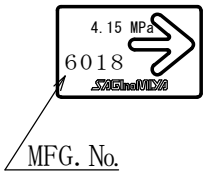
※ DIMENSION IN MILLIMETER



SPECIFICATION

1. WATER TEST PRESSURE : 6.23MPa
2. AIRTIGHT PRESSURE : 4.15MPa
3. MAX. WORKING PRESSURE : 4.15MPa
4. FLUID : R134a, R22, R404A, R407C, R410A, R507A
5. ALLOWABLE FLUID TEMPERATURE : -30～+120℃
6. MIN. OPENING PRESSURE : 0.0078MPa or LESS
7. VALVE LEAKAGE : 1000cm³/min. or LESS WITH AIR UNDER ΔP=0.98MPa
8. FLOW : 18 L/min. WITH WATER UNDER: ΔP=0.039MPa (MEAN Cv VALUE; 2)
9. VALVE LIFE : SHOULD SATISFY SPEC.6,7,8 AFTER TESTING 100,000 TIMES UNDER ΔP=1.47MPa
10. MOUNTING POSITION : ANY POSITION. (ATTENTION TO BE PAID TO THE VARIATION OF THE SHUT-OFF FLOW VOLUME. PIPING TO BE MADE IN VIEW OF THE CLAUSE 11.)
11. SHUT-OFF FLOW VOLUME : 25.6 L/min WITH AIR ON THE HORIZONTAL LINE.
39 L/min WITH AIR ON THE VERTICAL LINE FROM THE INLET THROUGH THE OUTLET IN DESCENDING ORDER.
0 L/min WITH AIR ON THE VERTICAL LINE FROM THE INLET THROUGH THE OUTLET IN ASCENDING ORDER(FREE FALLING OF THE VALVE SEAT) NO REFRIGERANT OIL IS TAKEN IN CONSIDERATION TO THE ABOVE FIGURES.



CAUTIONS ON SOLDERING

1. THE CENTER PORTION TO BE KEPT COOL ENOUGH DURING SOLDERING WITH WET RAGS AND WATER, AND THE SOLDERING TO BE MADE IN SHORT TIME.
2. NITROGEN GAS TO BE APPLIED ON SOLDERING IN ORDER TO PREVENT OXIDIZED SCALES THAT MAY CAUSE VALVE LEAK.
3. BEFOR INSTALLATION, CLEAN INSIDE OF THE PIPES AND REMOVE DUST OR FOREIGN MATTER.
4. CAUTION THAT IT MIGHT BE NOT APPLICABLE IN SOME CASE OF HAVING REMARKABLE PULSATION OF REFRIGERANT AND/OR COMBINING FOLLOWING TEMPERATURE AND PRESSURE CONDITIONS IN REFRIGERATION / AIR CONDITIONING SYSTEM.
5. WE MANUFACTURE THE PRODUCT BASED ON THE SPECIFICATIONS DESCRIBED IN THIS DRAWING. PLEASE CHECK THE SAFETY AND VALIDITY IN THE PRODUCT DESIGN IN CONSIDERATION THAT THE PRODUCT IS CONFORMED TO THE SYSTEM OR NOT WHEN USING.

APPLIED MOMENTARILY OPERATION PRESSURE DIFFERENTIAL MORE THAN 2MPa AT CLOSING THE VALVE, UNDER HIGH TEMPERATURE OF EXCEEDING 100℃.

JUN.'01 REVISION･･･FUJITA
JUN.'98 B REVISION･･･MURATA
FEB.'98 A REVISION･･･ITO
MAY.'91 REVISION･･･MACHIDA

Approved by	Date	Name	
	MAR. 1983	CHECK VALVE	
Designed by	Scale	Catalog Number	Drawing Number
	1:1	BCV-804DY	N-CV-251006-B
Drawn by	SAGINOMIYA SEISAKUSHO,INC.		