

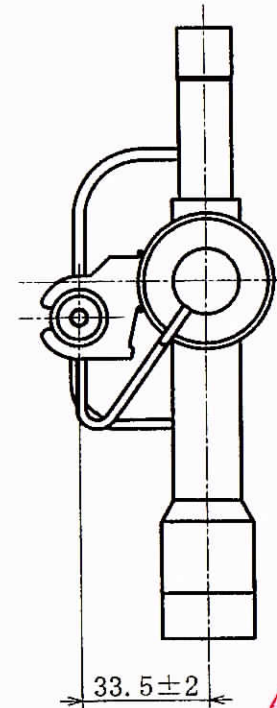
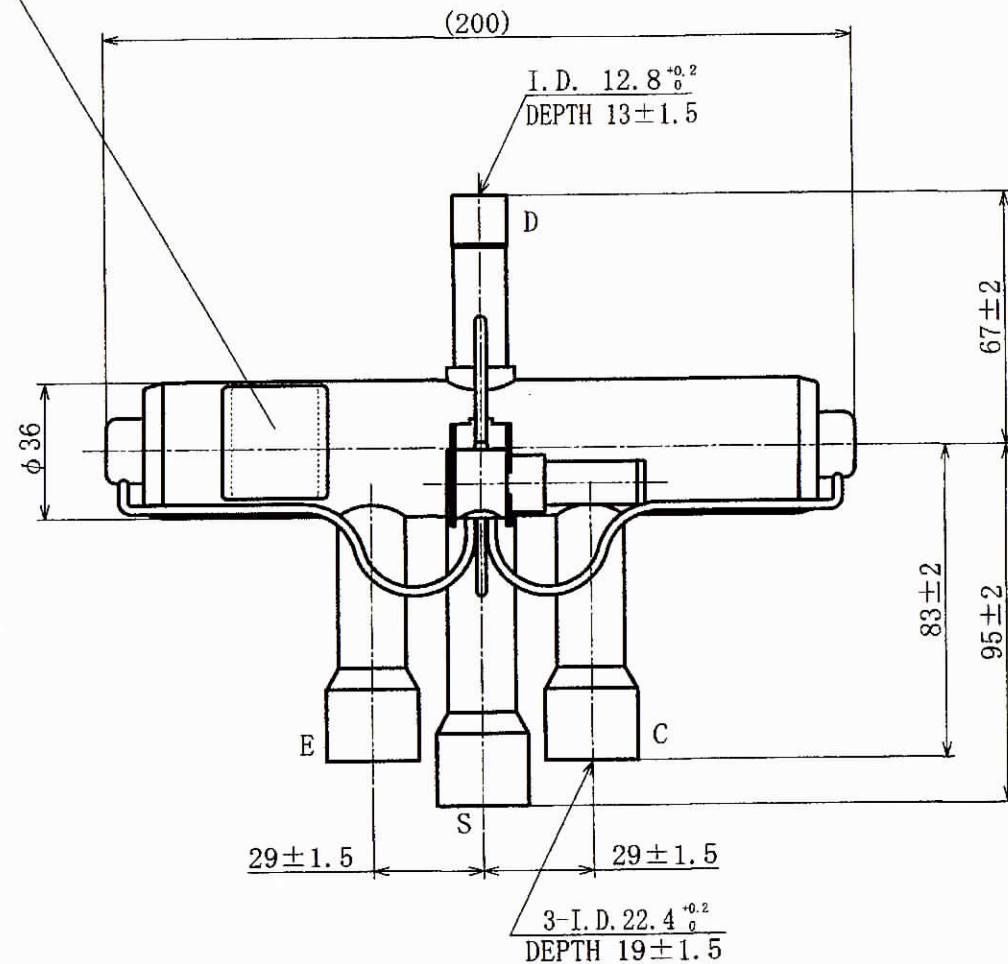
FOR USE IN EUROPE



CATALOG No.
MANUFACTURING No.

EXAMPLE

5 31 6
 YEAR
 DAY
 MONTH 1~9: JAN.~SEP.
 X: OCTOBER
 Y: NOVEMBER
 Z: DECEMBER



CONNECTIONS INDICATED BELOW SHOW AT COOLING MODE
 (WHEN COIL IS DE-ENERGIZED)

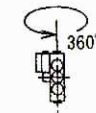
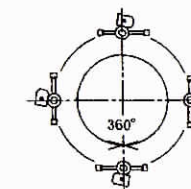
- D CONNECTION : DISCHARGE
- C CONNECTION : CONDENSER
- S CONNECTION : SUCTION
- E CONNECTION : EVAPORATOR

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.

SPECIFICATIONS

WATER TEST PRESSURE	WITH WATER PRESSURE	6.44 MPa { 64.4 bar }
AIRTIGHT TEST PRESSURE	WITH AIR PRESSURE	4.5 MPa { 45.0 bar }
MAX. WORKING PRESSURE		4.5 MPa { 45.0 bar }
CONNECTION	ILLUSTRATE	
FLUID	R22, R407C, R410A	
PORT SIZE	15.5 mm	
VALVE OPERATION	PILOT OPERATED 4-WAY REVERSING VALVE	
DURABILITY	40,000 (R22, R407C) OR 20,000 (R410A) TIMES TESTED BY AIR PRESSURE UNDER DISCHARGE PRESSURE 1.47 MPa {14.7bar} (R22, R407C) OR 2.5 MPa {25bar} (R410A), SUCTION TUBE OPEN TO ATMOSPHERE AND BODY TEMP. NORMAL TEMPERATURE (LUB. OIL APPLIED DURING THE TEST)	
MAX. OPERATING PRESS. DIFFERENTIAL	3.1 MPa { 31 bar }	
MIN. OPERATING PRESS. DIFFERENTIAL	0.3 MPa { 3 bar }	
VALVE LEAKAGE	4000 cm ³ /min. OR LESS WITH AIR UNDER O.P.D. 1 MPa { 10bar } AND BODY TEMP. NORMAL TEMPERATURE BUT 6000 cm ³ /min. OR LESS AFTER THE DURABILITY TEST.	
CAPACITY	R22, R407C	: 7.1 ~ 28 kW
	*1 R410A	: 8.4 ~ 33 kW
MIN. OPERATING VOLTAGE	*2 85% OR LESS OF RATED VOLTAGE AT ΔP 2.5MPa (25bar)	
AMBIENT TEMPERATURE	-20 ~ +55 °C	
ALLOWABLE FLUID TEMPERATURE	-20 ~ +120 °C	
MAX. ALLOWABLE TEMPERATURE	+120 °C	

MOUNTING POSITION



- *1 BE SURE TO CHANGE OVER 4-WAY VALVE WITHIN THE RANGE OF CAPACITY DESCRIBED IN THE DRAWING. DISCHARGE PRESSURE RISE OR STOP OF THE INTERNAL VALVE AT AN INTERMEDIATE POSITION MAY OCCUR IF IT IS CHANGED OVER OUTSIDE THE CAPACITY RANGE.
- *2 WHEN THERE IS A DIFFERENCE IN THE MIN. OPERATING VOLTAGE AND THE ALLOWABLE VOLTAGE VARIATION IN THE COIL DRAWING, A COIL DRAWING IS GIVEN PRIORITY TO.

Approved by	Date	Name	
<i>A. Mitome</i>	MAY. 31. 2006	4-WAY REVERSING VALVE BODY	
Designed by	Scale	Catalog Number	Drawing Number
<i>R. Mitome</i>	1:2	STF-0420G3	N-HV-16090-B
Drawn by	SAGINOMIYA SEISAKUSHO, INC.		
<i>R. Mitome</i>			

B JUL. 2. 2016 REVISED (CHANGE LABEL etc.) MITOME
 A APR. 17. 2007 RENEWAL (REVISION OF FLUID, DURABILITY CAPACITY etc.) KUMADA