

# Manual Switching Valves

## Lever Type

Manual Switching Valves – Lever Type

RoHS 10

**MHAN** No Lock Mechanism

JIS Symbol

**MHANR** with Lock Mechanism

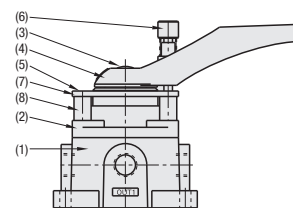
JIS Symbol

Part Number	Direction	No. of Ports	Pipe Connection Bore Dia.		Number of Positions		Effective Sectional Area (mm <sup>2</sup> )	Operating Pressure (MPa)	Operating Temp. Range (°C)	Applicable Fluid	Mass (g)	
			IN / OUT	EX	MHAN	MHANR					MHAN	MHANR
MHAN MHANR	4	4	Rc1/4	Rc1/4	3	2	20	0-0.7	5-60	Air	800	850

### Features

MHAN: 3-position type of closed center.  
 MHANR: 2 Position Type; Lever is locked at the OUT1 and OUT2 positions. Move the lever by pressing the knob for switching.

### Components



### Component List

Part No.	Name	Quantity	Material
1	Base	1	ADC
2	Cover	1	ADC
3	Small Flat Head Screw	1	1018 Carbon Steel or Equivalent
4	Lever	1	ADC
5	Bolt	4	1018 Carbon Steel or Equivalent
6	Hex Socket Flat Head Cap Screws	4	4137 Alloy Steel
7	Knob	1	1018 Carbon Steel or Equivalent
8	Stopper Plate	1	Low Carbon Steel
	Collar	4	C36000 Brass

# Miniature Lever Type

Miniature Lever Type

RoHS 10

**MHAM**

JIS Symbol

**Features**

- Lever Type Switching Valves more limited space than MHAN.
- 3 Position Type has N position, which blocks all ports and can be used for stopping cylinder (Cannot abruptly stop cylinder due to its residual pressure.).

**Component List**

Part Number	Name	Material
(1)	Main Body	ADC
(2)	Cover	ADC
(3)	Machine Screw	1018 Carbon Steel
(4)	Handle	ZDC
(5)	Lever	SGD400
(6)	Lever Knob	POM Polyoxymethylene

Part Number	P	Direction	Number of Ports	Pipe Connection Bore Dia.		Effective Sectional Area (mm <sup>2</sup> )	Operating Pressure (Mpa)	Operating Temp. Range (°C)	Applicable Fluid	Mass (g)
				IN / OUT	EX					
MHAM	4	4	4	Rc1/4	Rc1/4	7.5	0-1.0MPa	5-60	Air	280

**Part Number Example**

Part Number	-	Number of Positions
MHAN4	-	3
MHAM4	-	3