

## MOTOR OPERATED VALVES FOR LARGE CAPACITY / Type MKV



Type MKV

### FEATURES

- Optimal for regulating high flow.
- Hot gas compatible.
- Energy-saving design (No holding power required).

### APPLICATIONS

- Chillers
- Packaged air conditioners, etc.

### COMMON SPECIFICATIONS

- Max. working pressure : 3.3 MPa
- Fluid temperature : -30 to 120°C  
(It should be 50% or less on energizing ratio.)
- Ambient temperature : -30 to 60°C  
(It should be 50% or less on energizing ratio.)
- Flow direction : B → A (Single flow)
- Excitation method : 1-2 phase, Uni-polar

### DESCRIPTION OF CATALOG NO.

MKV - 16 06 D S □□  
I II III IV V VI

I	Type
II	Port size
III	Connection tube I.D.
IV	Connection type
V	Coil style
VI	Serial number

### TYPE NUMBER SELECTION

Catalog No.	* 1 Refrigerant	Port size φ (mm)	Cv value	* 2 Capacity (U.S.R.T.) {kW}			Connection (Solder) (mm)		Operation range pulse	M.O.P.D. (MPa)	* 3 Wt. (kg)
				R134a	R404A	R407C	Side B	Side A			
MKV-1606DS	R134a R404A R407C	16.0	2.82	64.6 {227}	58.2 {205}	87.9 {309}	φ 19.05 ID	φ 12.7 ID	0 to 656	2.5	1.2

\* 1 For other refrigerants, please contact us.

\* 2 CT 38°C / ET 5°C / SC 0K / SH 0K

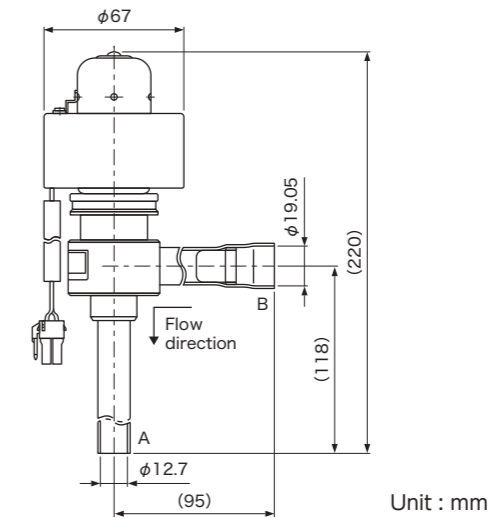
\* 3 Includes a drip-proof type coil. (Lead wire length 700mm)

### COIL SPECIFICATIONS

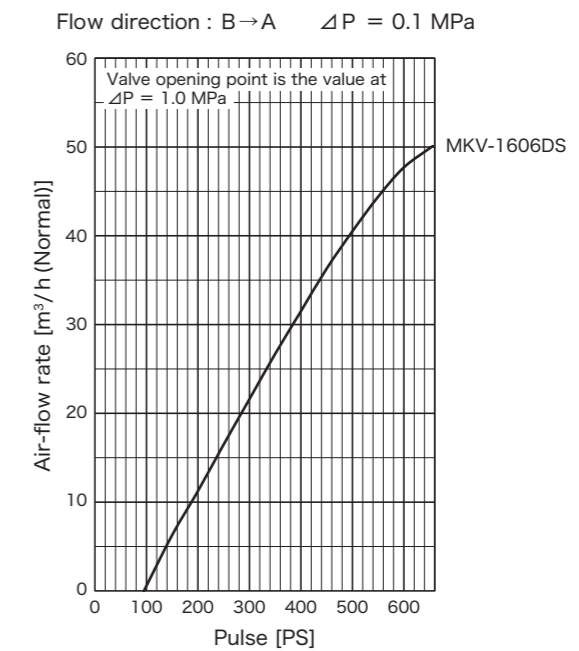
Catalog No. (Valve body)	Rated voltage	Current	Power consumption	* 1 Insulation class
MKV-1606DS	12V.DC ± 10%	0.38A / Phase (20°C)	Approx. 9.5W	Class E molded

\* 1 Compliant with IEC60085, 60335-2-40.

### DIMENSIONS



### FLOW CHARACTERISTICS



### RELATED PRODUCT

- Pulse converters Type LNE (Pages 39 to 40)