



# Large Capacity Back Pressure Valve

## MODEL 6801 SERIES

A back pressure valve is a kind of relief valve to obtain a constant level of pressure in the first stage of valve operation. This type of valve makes it easier and speedier for the user to control pressure in the tank with a large buffer, purge a given quantity of mixed gas or to carry out such other operations which are rather hard to do with a second-stage control valve commonly in use.

### Features

- Handy panel mount type
- Quick regulation of primary pressure
- Greaseless, clean valve perfect for control of pure gases

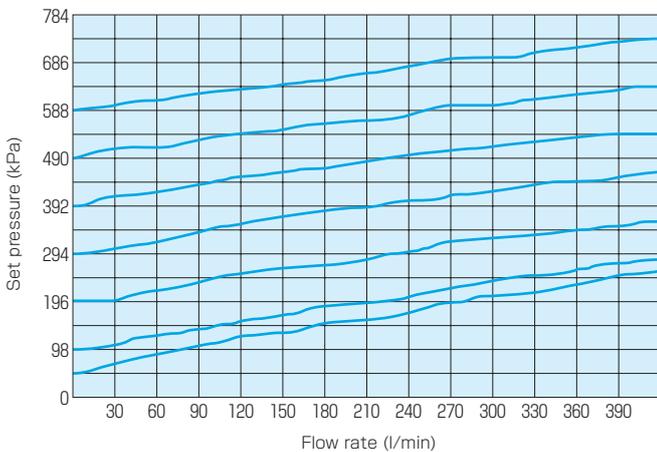
### Applications

- Tank pressure control
- Control of constant flows of mixed gases

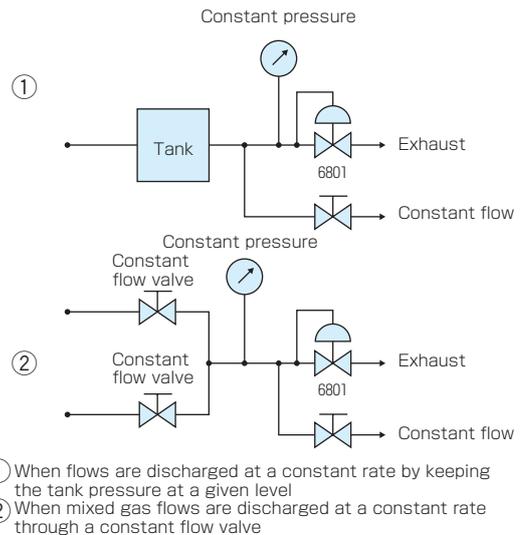
### Standard Specifications

Type	6801A	6801B
Set pressure range	0-294kPa	0-588kPa
Max. exhaust flow rate	300L/MIN	
Proof pressure	784kPa	
Repeatability	Within ±1% of the rated pressure	
Heat resistance	70°C	
Materials of parts exposed to fluids	SUS 316, Viton, fluorocarbon resin	
Connection end	Rc1/2	

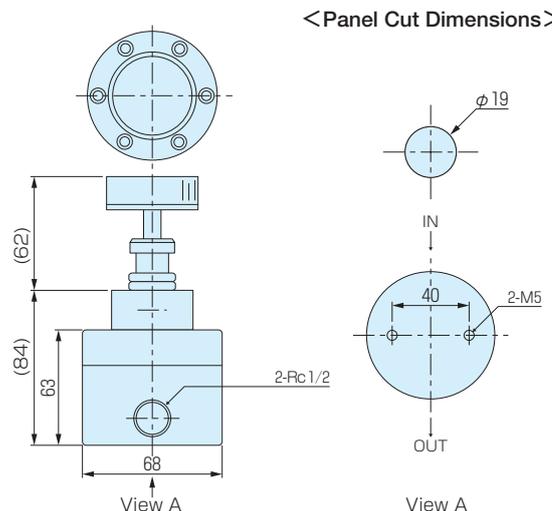
### Flow Characteristic Curves



### Layout Example with Model 6801

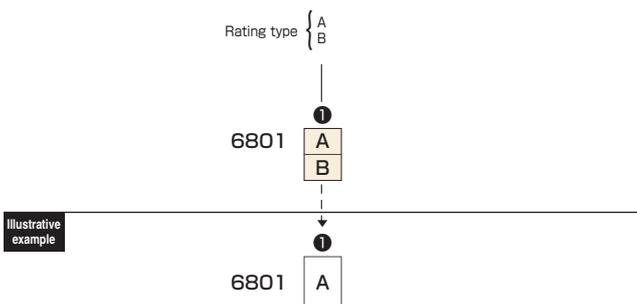


### Dimensions



<Panel Cut Dimensions>

### Ordering



\* Refer to "Ordering" and "Illustrative Example" when placing an order or requesting a quotation. Fill in the blanks in the "Order/Quotation Request Card" at the end of the catalog, and send the card by fax.