

# RPV

Type needle valves with rising plug design meant for use in applications on fluids containing solid particles designed to give high capacity bi-directional flow with reliable bubble shut-off. The flow path of the valve is easy to clean for viscous fluid application. Available with end connections in sizes from 1/8" to 1" and a wide choice of female screwed, male to female screwed or socket weld.

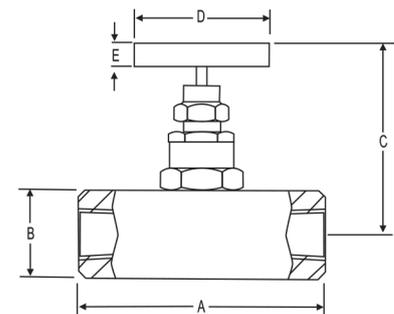
## Technical specifications

<b>Design Pressure</b>	:	6000 PSI
<b>Max temp.</b>	:	240°C
<b>Stem</b>	:	Rising Plug(Type BD ) with Delrin seat
<b>Stem packing area</b>	:	Burnished finish for smooth valve operation.
<b>Safety Feature</b>	:	Back seating for preventing stem blowout.
<b>Feature</b>	:	Replaceable soft seat which absorbs contaminants and operates in dirty service, with easy Maintenance and straight through design for high capacity bi-directional flow.

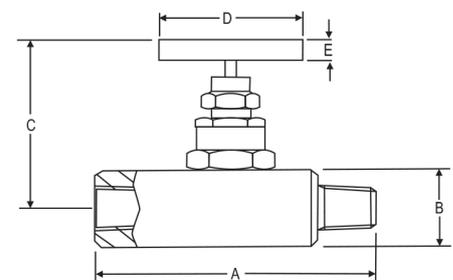


Size	Type	Length A	Width B	Height (open) Max., C	Handle D	Handle OD E
1/8"	FxF	50	25	64.5	40	10
	MxF	55	25	64.5	40	10
	MxM	60	25	64.5	40	10
1/4"	FxF	55	25	64.5	40	10
	MxF	65	25	64.5	40	10
	MxM	60	25	64.5	40	10
3/8"	FxF	55	25	64.5	40	10
	MxF	65	25	64.5	40	10
	MxM	65	25	64.5	40	10
1/2"	FxF	65	32	94	50	12
	MxF	75	32	94	50	12
	MxM	80	32	94	50	12
3/4"	FxF	70	38	97	50	12
	MxF	75	38	97	50	12
	MxM	80	38	94	50	12
1"	FxF	90	45	101	70	12
	MxF	105	45	101	70	12
	MxM	105	45	101	70	12

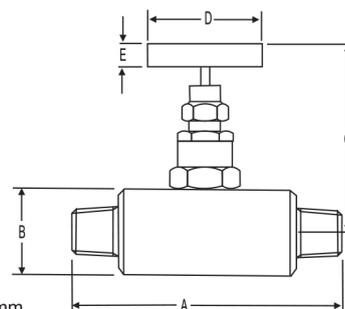
All dimensions are in mm



Type FF



Type MF



Type MM

## Applications

- Instrument line shut off.
- Instrument isolation.
- Drain / vent valve.
- Viscous and plugging service.

Notes : • Drawings are not to scale. • All Dimensions are in mm

Note : Other combination sizes available on request. Please contact factory for more details.