midwest control
an intech industries company

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Combination Brass Strainer/Shut-Off Valves

Specifications | **Approvals**

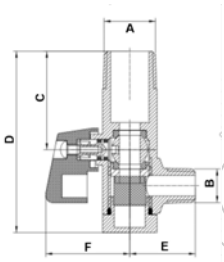
Unique design allows the strainer valve to be closed and the screen to be cleaned without the loss of air pressure in the air receiver or condensate drain

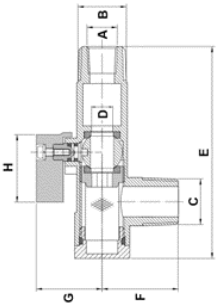
- 600 PSI CWP 150
- Temperature Range: -20°F to 370 °F
- Connection:
  MNPT x MNPT (BPSC Series)
  MNPT x MNPT Dual Threaded with 1/4" Internal FNPT Threads (BPS Series)
  FNPT x FNPT (BVY Series)
- Chrome-Plated Brass Ball
- PTFE Ball Seat
- Double Viton® O-Ring Stem Seals (BVY Series)
- Full Port (BVY Series)
- Construction:
  Brass Body Chrome-Plated (BPSC Series)
  Brass Body (BPS and BVY Series)
- 50 Mesh 304 Stainless Steel Screen
- Handle: ABS Handle (BPSC Series)
  Zinc Die Cast (BPS Series)
  Aluminum Red T-Handle, Quarter Turn Operation (BVY Series)
- RoHs Compliant
- Meets MSS SP-110 Standards
- ISO Registered Factory

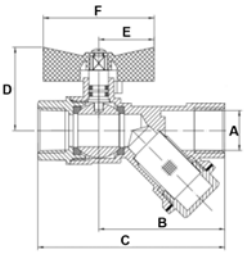
BPSC-5025 BPSC-5038 BPSC-5050

BPS-5025 BPS-5038 BPS-5050

BVY







Inlet (MNPT)	Outlet (MNPT)	Model No.	Port Size (in)	A (in) MNPT	B (in) MNPT	C (in)	D (in)	E (in)	F (in)	Wt. (lbs.)	Carton Qty
1/2"	1/4"	BPSC-5025	0.39	1/2	1/4	1.47	2.77	1.00	1.08	0.31	120
1/2"	3/8"	BPSC-5038	0.39	1/2	3/8	1.47	2.77	1.00	1.08	0.31	120
1/2"	1/2"	BPSC-5050	0.39	1/2	1/2	1.47	2.77	1.00	1.08	0.32	120

Inlet (MNPT)	Outlet (MNPT)	Model No.	A (in) FNPT	B (in) MNPT	C (in) MNPT	D (in)	E (in)	F (in)	G (in)	H (in)	Wt. (lbs.)	Carton Qty
1/2"	1/4"	BPS-5025	1/4	1/2	1/4	0.39	3.74	1.33	1.12	1.18	0.50	40
1/2"	3/8"	BPS-5038	1/4	1/2	3/8	0.39	3.74	1.33	1.12	1.18	0.51	80
1/2"	1/2"	BPS-5050	1/4	1/2	1/2	0.39	3.74	1.33	1.12	1.18	0.56	40

Inlet (FNPT)	Outlet (FNPT)	Model No.	A (in)	B (in)	C (in)	D (in)	E (in)	F (in)	Wt. (lbs.)	Carton Qty
1/2"	1/2"	BVY-50	0.59	2.28	3.39	1.48	1.07	2.13	0.62	32
3/4"	3/4"	BVY-75	0.75	2.68	3.95	1.96	1.07	2.13	0.86	32

Inlet -connection to condensate source (air receiver)
Outlet - connection to drain inlet

WARNING: This product can expose you to chemicals, including lead, which is known to the State of California to cause cancer and reproductive harm. For more information go to

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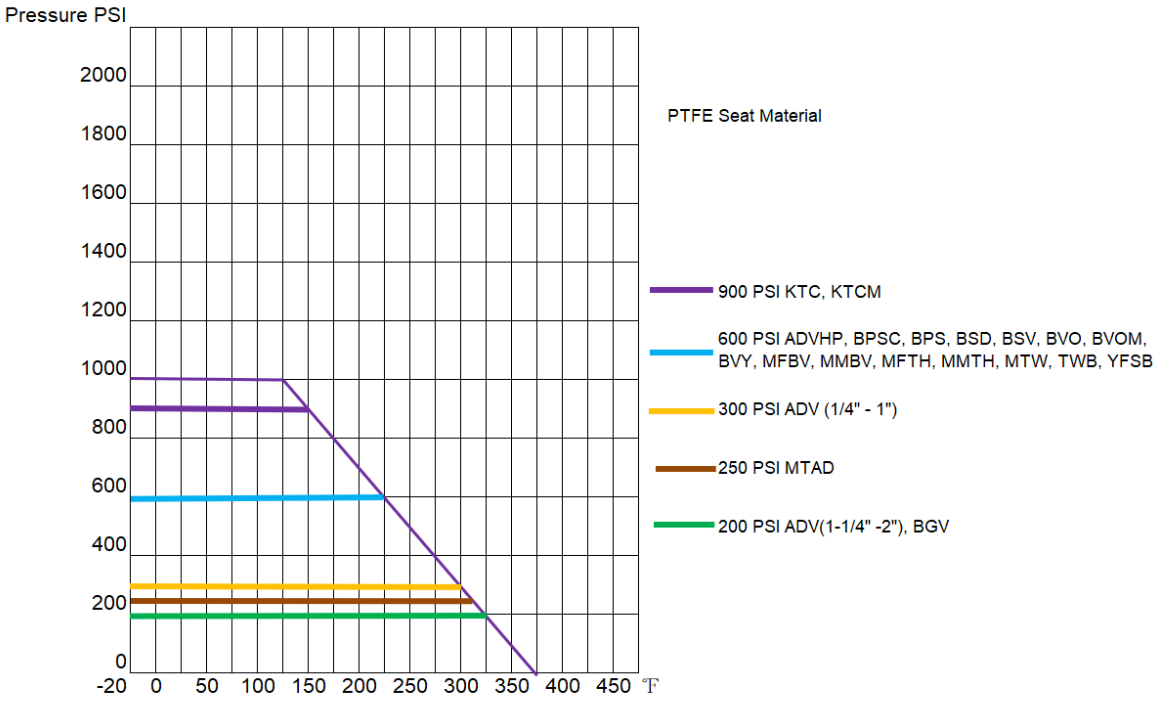
Pressure Temperature Curve -20° F to 370° F



Drawing Date: 8/2022
Rev. Level-Date:

Midwest