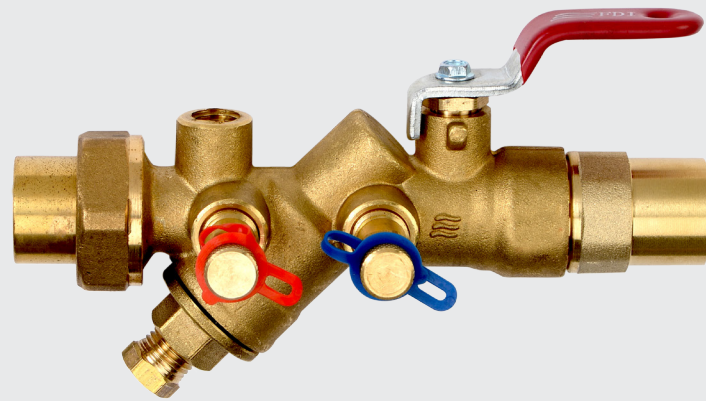


ACM SBS



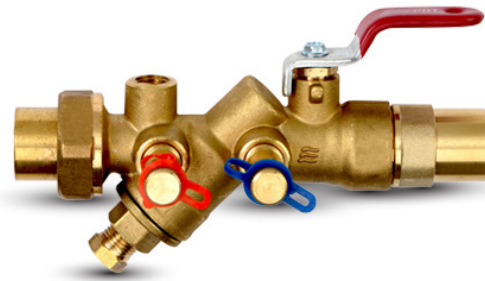
Automatic Balancing Valves

Mini flow regulator, ball valve and union

*Engineering
GREAT Solutions*

ACM SBS

Compact, Y-shaped combination ball valve, AutoFlow regulator and union with four accessory port locations. Unit is factory set to automatically limit the gpm to within $\pm 5\%$ of the specified amount. The flow cartridge is removable from the valve body to provide access for flow rate changes, inspection, and cleaning without breaking the main piping. The ball valve has PTFE packing, brass packing nut, blowout-proof stainless steel stem, large diameter stainless ball and a handle with vinyl grip. The union has EPDM o-ring and tail piece available in M, F and S connections. Ball valve end is available only in FPT or SWT. Pressure/Temperature ports are standard.



Key features

- > **Flow Limiting** > $\pm/- 5\%$ > Tamper Resistance
No wasted pumping
- > **Compact**
Union, regulator and shut-off in one

Technical description

Application:
Hydronic Balancing

Dimensions:
1/2" - 3/4"

Accuracy:
 $\pm/- 5\%$

Functions:
Flow regulator, union and shut-off

Pressure class:
400 psig at 250° F (27 bar at 120° C)

Material:
Body: DZR Brass
Flow cartridge: Series 300 stainless steel wear surfaces with stainless steel spring

Connections

Model	Size in./mm	Fixed Conn. (Outlet) in./mm	Union Conn. (Inlet) in./mm
ACMSBS0050	1/2" (15)	1/2" (15) S, F	1/2 (15) F, M, S
ACMSBS0075	3/4" (20)	3/4" (20) S, F	3/4 (20) F, M, S

S = sweat

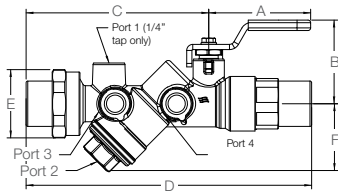
F = female NPT

M = male NPT

Flow Rate

Size	PSID Range	Flow Rate (gpm)
1/2" - 3/4"	2 - 32 (L)	0.33, 0.5, 0.67, 0.75, 0.88, 1.0, 1.1, 1.25, 1.5, 1.75, 2.0, 2.25, 2.5, 3.0
	5 - 60 (H)	1.0, 1.5, 2.0, 2.5, 3.0, 4.0, 5.0

Articles



Dimensions

Model	Size	A	B	C	D	E	F	G	Weight	Cvs
	in.	in.	in.	in.	in.	in.	in.	in.	lb.	
ACMSBS0050	1/2	2.3	1.9	4.0	6.0	1.6	1.5	2.0	2.5	7.9
ACMSBS0075	3/4	2.3	1.9	4.1	6.5	1.6	1.5	2.0	2.5	8.8

Notes

Dimensions based on S X S connections and will vary with mixed options/connections and will vary with mixed options/connections.

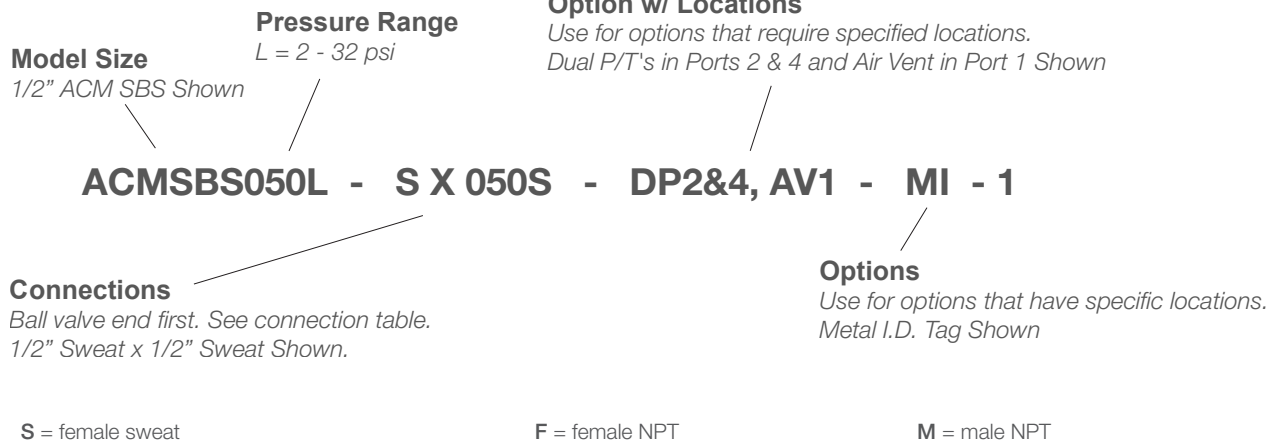
Weights and dimensions are subject to minor changes.

Cv's based on the body only without flow cartridge.

*1/4" port only

See IOM for cartridge change instructions.

Model Order Designation



Options Available

AA Manual Air Vent	MI Metal ID Tag	SE Stem Extender
DX Ext. P/T Ports	PI Plastic ID Tag	T4 1/4" Tap
EH Extended Handle	PL Plug	
HN Hose End Drain	PP ProPress®	



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