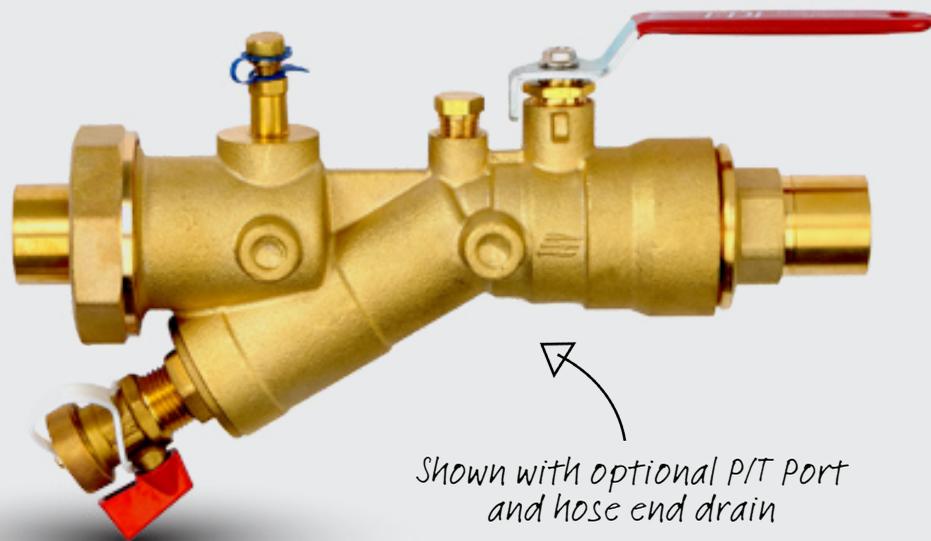


# YC SBS



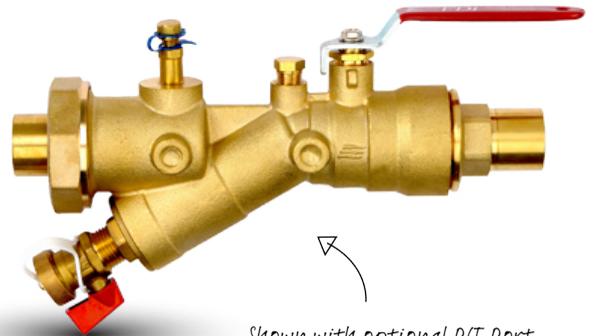
## Hook-up Components

Y-strainer, ball valve, union with stainless steel ball and stem

Engineering  
**GREAT** Solutions

# YC SBS

Combination ball valve, y-strainer and union with up to five (5) accessory port locations. 20 mesh stainless steel strainer is removable from the valve body for inspection and cleaning without breaking the main piping. The ball valve has PTFE packing, brass packing nut and blowout-proof stem, large diameter stainless steel ball, stem and a full size steel handle with vinyl grip. The union has a EPDM “o”-ring and tailpiece available in M, F, and S connections. Ball valve end only available in FPT or SWT. One size reduction available for union section. Port 1 available with maximum 1/2” tap for bypass line (option T2).



Shown with optional P/T Port and hose end drain

## Key features

- > **Combination Valve**
- > **Removable Strainer**  
Ease of inspection/cleaning
- > **Multiple Ports**  
Add accessories if needed

## Technical description

**Application:**  
Coil Isolation and Protection

**Functions:**  
Union, strainer, ball valve

**Dimensions:**  
1/2” - 2”

**Pressure class:**  
400 psig at 250° F (25 Bar at 120° C)

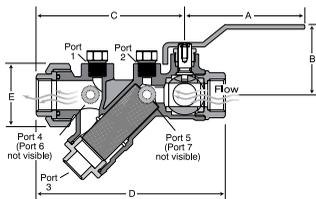
**Material:**  
Body: DZR Brass  
Strainer: 20 mesh stainless steel

## Connections

Model	Size		Fixed Conn. (Inlet)			Union Conn. (Outlet)		
	in./(mm)		in./(mm)			in./(mm)		
YCSBS0050	1/2	(15)	1/2	(15)	S, F	3/8	(10)	S
						1/2	(15)	F M S
						3/4	(20)	F M S
YCSBS0075	3/4	(20)	3/4	(20)	S, F	3/8	(10)	S
						1/2	(15)	F M S
YCSBS0100R*	1	(25)	1	(25)	S, F	3/4	(20)	F M S
						1	(25)	M S
YCSBS0100	1	(25)	1	(25)	S, F	1/2	(15)	F M S
						3/4	(20)	F M S
						1	(25)	F M S
						1 1/4	(32)	F M S
YCSBS0125	1 1/4	(32)	1 1/4	(32)	S, F	1/2	(15)	M S
						3/4	(20)	F M S
						1	(25)	F M S
YCSBS0150R*	1 1/2	(40)	1 1/2	(40)	S, F	1 1/4	(32)	F M S
						1 1/2	(40)	M S
YCSBS0150	1 1/2	(40)	1 1/2	(40)	S, F	1	(25)	F M S
						1 1/4	(32)	F M S
						1 1/2	(40)	F M S
						2	(50)	F M S
YCSBS0200	2	(50)	2	(50)	S, F	1 1/4	(32)	F M S
						1 1/2	(40)	F M S
						2	(50)	F M S

**S = sweat F = female NPT M = male NPT**

## Articles



### Dimensions

Model	Size		A		B		C		D		E	
	in./(mm)		in./(mm)		in./(mm)		in./(mm)		in./(mm)		in./(mm)	
YCSBS0050	1/2	(15)	4.1	(103)	2.0	(52)	4.8	(122)	6.7	(169)	2.1	(53)
YCSBS0075	3/4	(20)	4.1	(103)	2.0	(52)	4.9	(124)	6.7	(170)	2.1	(53)
YCSBS0100R*	1	(25)	4.1	(103)	2.0	(52)	5.5	(140)	7.6	(192)	2.1	(53)
YCSBS0100	1	(25)	4.7	(119)	2.7	(68)	6.6	(169)	9.5	(241)	2.8	(71)
YCSBS0125	1 1/4	(32)	4.7	(119)	2.7	(68)	6.6	(169)	9.6	(245)	2.8	(71)
YCSBS0150R*	1 1/2	(40)	4.7	(119)	2.7	(68)	7.9	(200)	10.7	(273)	2.8	(71)
YCSBS0150	1 1/2	(40)	5.6	(141)	3.6	(93)	8.4	(212)	11.7	(297)	3.8	(97)
YCSBS0200	2	(50)	5.6	(141)	3.6	(93)	8.5	(217)	12.0	(305)	3.8	(97)

## Weight / Cv

Model	Weight		Cv / (Kv)	
	lb.	(kg)		
YCSBS0050	2.3	(1.05)	7.9	(6.8)
YCSBS0075	2.3	(1.06)	8.8	(7.6)
YCSBS0100R*	2.3	(1.06)	8.8	(7.6)
YCSBS0100	5.9	(2.66)	19.7	(17.0)
YCSBS0125	5.8	(2.64)	20.4	(17.6)
YCSBS0150R*	6.4	(2.93)	20.4	(17.6)
YCSBS0150	14.8	(6.72)	52.7	(45.6)
YCSBS0200	14.8	(6.63)	55.1	(47.7)

### Notes

Weights based on F X F connections and will vary with mixed options/connections

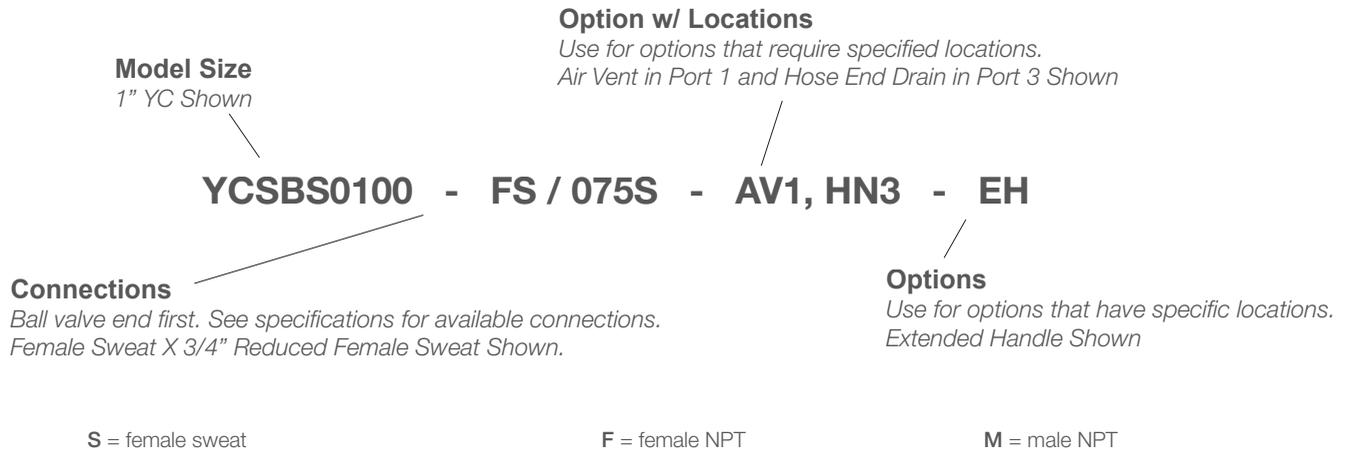
Weights and dimensions are subject to minor changes

Cv's based on the body only

\* Denotes female thread not available on union end

See operation manual for Installation and Maintenance F033

## Model Order Designation



## Options Available

<b>AA</b> Automatic Air Vent	<b>MI</b> Metal ID Tag	<b>SE</b> Stem Extender
<b>AV</b> Manual Air Vent	<b>PI</b> Plastic ID Tag	<b>T2</b> 1/2" F Tap
<b>EH</b> Extended Handle	<b>PL</b> Plug	<b>T4</b> 1/4" F Tap
<b>HN</b> Hose End Drain Valve with Cap	<b>PP</b> Propress®	<b>XL</b> Ext. P/T Port

