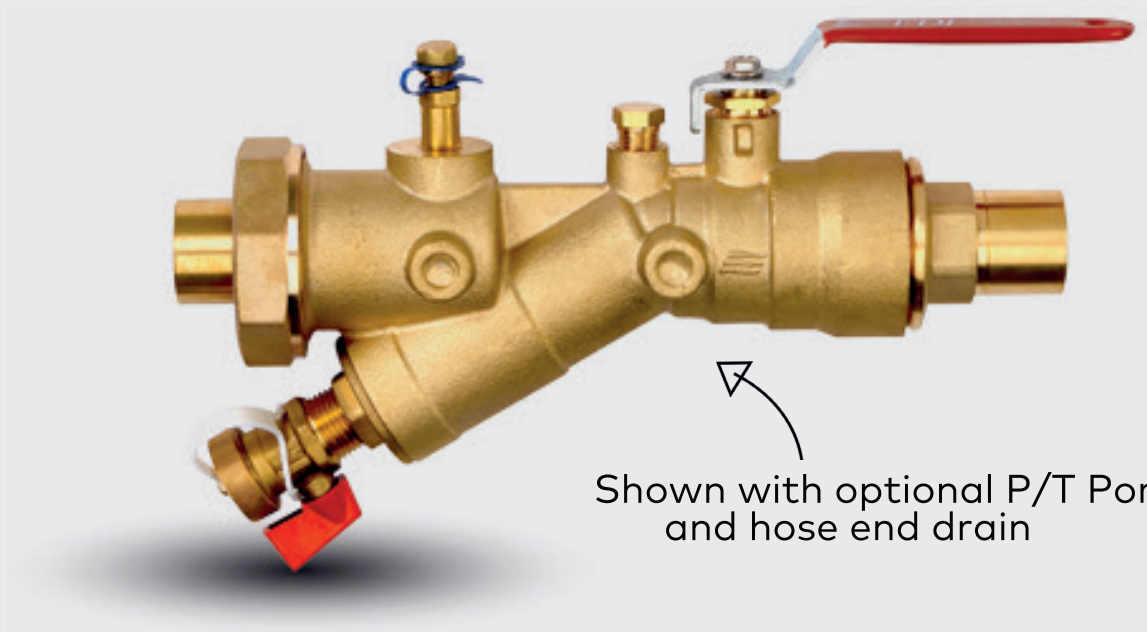


YC SBS



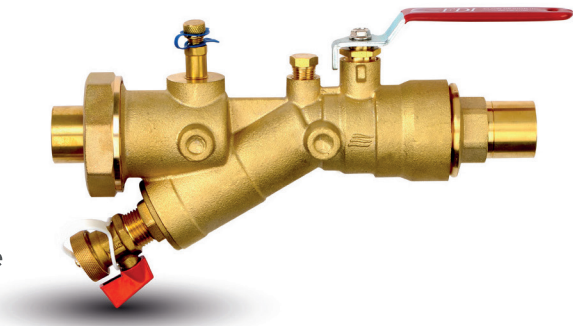
Shown with optional P/T Port
and hose end drain

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

Engineering
GREAT Solutions

YC SBS

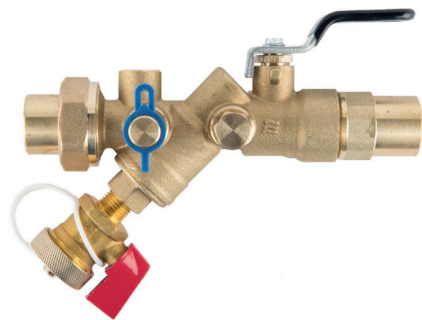
Combination ball valve, y-strainer and union with up to five (5) accessory port locations. 20 mesh stainless steel strainer is removable from the valve body for inspection and cleaning without breaking the main piping. The ball valve has PTFE packing, brass packing nut and blowout-proof stem, large diameter 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).



Both valves shown with optional P/T Port and hose end drain

YCR SBS

Compact, Y-shaped combination ball valve, strainer and union with four accessory port locations.



Key features

- > Combination Valve
Reduces field connections and total installed size
- > Removable Strainer
Ease of inspection/cleaning
- > Multiple Ports
Configure exactly what you need

Technical description

Application: Coil Isolation and Protection	Dimensions: 1/2" - 2"	Material: Body: DZR Brass Strainer: 20 mesh stainless steel
Functions: Union, strainer, ball valve	Pressure class: 400 psig at 250° F (25 Bar at 120° C)	

Connections

YC SBS

Model	Size in./ (mm)	Fixed Conn. (Inlet) in./ (mm)	Union Conn. (Outlet) in./ (mm)
YCSBS050	1/2 (15)	1/2 (15) S, F	1/2 (15) F, M, S 3/4 (20) F, M, S
YCSBS075	3/4 (20)	3/4 (20) S, F	1/2 (15) F, M, S 3/4 (20) F, M, S 1 (25) M, S
YCSBS100	1 (25)	1 (25) S, F	1/2 (15) M, S 3/4 (20) F, M, S 1 (25) F, M, S 1 1/4 (32) F, M, S
YCSBS125	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 1 1/4 (32) F, M, S 1 1/2 (40) M, S
YCSBS150	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
YCSBS200	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 2 1/2 (65) F, M

YCR SBS

Model	Size in./ (mm)	Fixed Conn. (Inlet) in./ (mm)	Union Conn. (Outlet) in./ (mm)
YCRSBS0050	1/2 (15)	1/2 (15) S, F	1/2 (15) F, M, S 3/4 (20) F, M, S
YCRSBS0075	3/4 (20)	3/4 (20) S, F	1/2 (15) F, M, S 3/4 (20) F, M, S 1 (25) M, S
YCRSBS0100*	1 (25)	1 (25) S, F	3/4 (20) F, M, S 1 (25) M, S 3/4 (20) F, M, S 1 (25) F, M, S 1 1/4 (32) F, M, S 1 1/2 (40) M, S
YCRSBS0150*	1 1/2 (40)	1 1/2 (40) S, F	2 (50) F, M, S 2 1/2 (65) F, M, S
YCRSBS0250	2 1/2 (65)	2 1/2 (65) S, F	

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

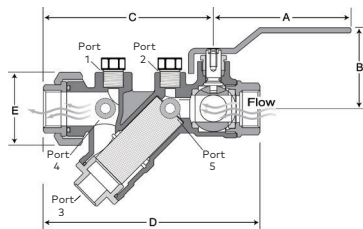
Notes

T2 bypass not available for sizes 1/2 & 3/4

*Denotes female thread not available on union end.

Articles

YC SBS

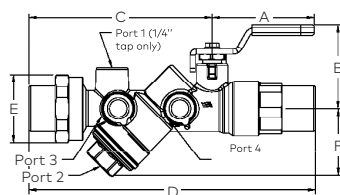


Dimensions

Model	Size		A		B		C		D		E		Strainer Basket area in ²
	in./	(mm)	in./	(mm)	in./	(mm)	in./	(mm)	in./	(mm)	in./	(mm)	
YCSBS050	1/2	(15)	4.1	(103)	2.0	(52)	4.8	(122)	6.7	(169)	2.1	(53)	7.5
YCSBS075	3/4	(20)	4.1	(103)	2.0	(52)	4.9	(124)	6.7	(170)	2.1	(53)	7.5
YCSBS100	1	(25)	4.7	(119)	2.7	(68)	6.6	(169)	9.5	(241)	2.8	(71)	14.2
YCSBS125	1 1/4	(32)	4.7	(119)	2.7	(68)	6.6	(169)	9.6	(245)	2.8	(71)	14.2
YCSBS150	1 1/2	(40)	5.6	(141)	3.6	(93)	8.4	(212)	11.7	(297)	3.8	(97)	26.7
YCSBS200	2	(50)	5.6	(141)	3.6	(93)	8.5	(217)	12.0	(305)	3.8	(97)	26.7

Notes

Dimensions based on F X F connections and will vary with mixed options/connections
 Dimensions are subject to minor changes



YCR SBS

Dimensions

Model	Size		A		B		C		D		E		F		Strainer Basket area in ²
	in./	(mm)	in./	(mm)	in./	(mm)	in./	(mm)	in./	(mm)	in./	(mm)	in./	(mm)	
YCRSBS0050	1/2	(15)	2.3	(58)	1.9	(48)	4.0	(102)	6.0	(152)	1.6	(41)	1.5	(38)	3.0
YCRSBS075	3/4	(20)	2.3	(58)	1.9	(48)	4.1	(104)	6.5	(165)	1.6	(41)	1.5	(38)	3.0
YCRSBS0100	1	(25)	4.1	(103)	2.0	(52)	5.5	(140)	7.6	(192)	2.1	(53)	1.97	(50)	7.5
YCRSBS0150	1 1/2	(40)	4.7	(119)	2.7	(68)	7.9	(200)	10.7	(273)	2.8	(71)	2.64	(67)	14.2
YCRSBS0250	2 1/2	(65)	5.6	(140)	3.6	(92)	8.9	(230)	12.5	(320)	4.6	(116)	4.5	(115)	26.7

Notes

Dimensions based on S X S connections and will vary with mixed options/connections.
 Dimensions are subject to minor changes.

Weight / Cv

YC SBS

Model	Weight lb./ (kg)	Cv (Kv)
YCSBS050	2.3 (1.05)	7.9 (6.8)
YCSBS075	2.3 (1.06)	8.8 (7.6)
YCSBS100	5.9 (2.66)	19.7 (17.0)
YCSBS125	5.8 (2.64)	20.4 (17.6)
YCSBS150	14.8 (6.72)	52.7 (45.6)
YCSBS200	14.8 (6.63)	55.1 (47.7)

Notes

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

Weights are subject to minor changes

Cv's based on a clean 20 mesh stainless steel strainer

See operation manual for Installation and Maintenance F033

YCR SBS

Model	Weight lb./ (kg)	Cv (Kv)
YCRSBS050	1.5 (0.68)	5.7 (4.9)
YCRSBS075	1.5 (0.73)	5.7 (4.9)
YCRSBS100	2.3 (1.06)	8.8 (7.6)
YCRSBS150	6.4 (2.93)	20.4 (17.6)
YCRSBS250	16.5 (7.5)	55.0 (48.0)

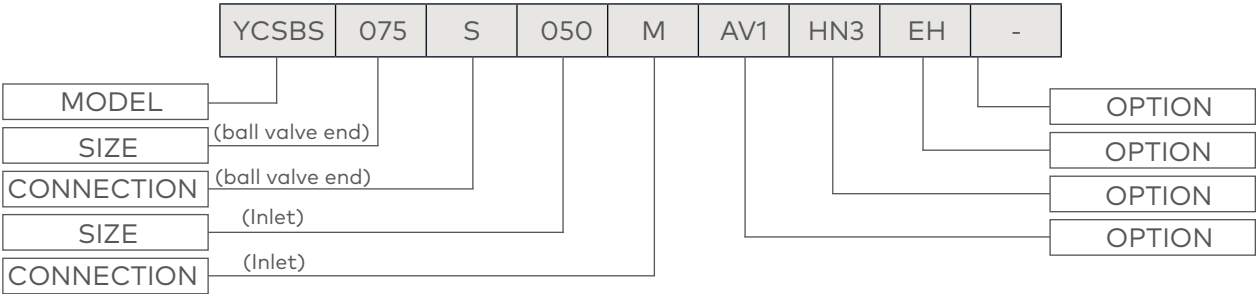
Notes

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

Weights are subject to minor changes.

Cv's based on a clean 20 mesh stainless steel strainer

Model Order Designation



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

Options

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

