

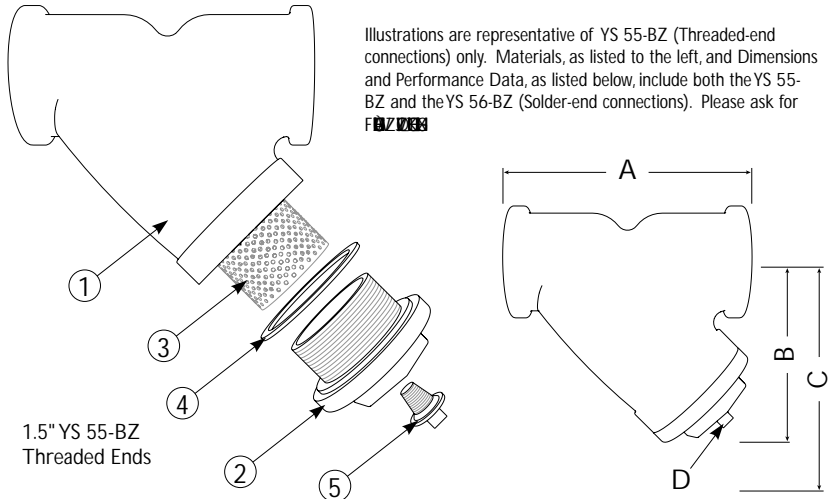


"Y" (WYE) STRAINER

ANSI Class
125

W BGRU6ROGH(QV \$60DWRP

No.	PART	YS 55/56 - BZ
1	Body	Bronze (C84400) ASTM B584
2	Cap	Bronze (C84400) ASTM B584
3	Straining Element ⁽²⁾	Stainless Steel
4	Gasket ⁽²⁾	7HRO
5	NPT Plug (Blow-off)	Bronze (C84400) ASTM B584



1. Bill of Materials represents standard materials. Equivalent or better materials may be substituted at the manufacturer's discretion.
2. Denotes recommended spare parts.

SIZE	in	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
	mm	8	10	15	20	25	32	40	50	65	80
A DIMENSION FACE TO FACE (YS 55) ⁽²⁾	in	C/F	2.38	2.80	3.18	3.70	4.41	4.93	5.91	C/F	10.60
	mm	C/F	61	71	81	94	112	125	150	C/F	269
A DIMENSION FACE TO FACE (YS 56) ⁽²⁾	in	C/F	C/F	2.75	3.36	3.80	4.58	5.33	6.11	C/F	11.40
	mm	C/F	C/F	70	86	97	116	136	155	C/F	290
B DIMENSION CENTER LINE TO BOTTOM (YS 55)	in	C/F	1.39	1.60	1.86	2.13	2.50	2.92	3.60	C/F	5.50
	mm	C/F	36	41	48	54	64	74	92	C/F	140
B DIMENSION CENTER LINE TO BOTTOM (YS 56)	in	C/F	C/F	1.60	1.86	2.13	2.50	2.92	3.60	C/F	7.0
	mm	C/F	C/F	41	48	54	64	74	92	C/F	140
Ø DIMENSION SCREEN REMOVAL	in	C/F	3.75	4.0	4.25	4.75	6.0	7.0	8.0	C/F	10.0
	mm	C/F	95	102	108	121	152	178	203	C/F	254
D NPT Plug BLOW-OFF	in	C/F	1/4"	1/4"	1/4"	1/2"	1/2"	3/4"	1"	C/F	1"
	mm	C/F	8	8	8	15	15	20	25	C/F	25
ASSEMBLED WEIGHT YS 55- THREADED (APPROXIMATE)	lb	C/F	0.35	0.45	0.85	1.30	2.00	2.65	4.30	C/F	12.90
	kg	C/F	0.16	0.21	0.39	0.6	0.91	1.21	1.95	C/F	5.85
ASSEMBLED WEIGHT YS 56 - SOLDER (APPROXIMATE)	lb	C/F	C/F	0.35	0.55	0.85	1.60	1.65	2.80	C/F	16.20
	kg	C/F	C/F	0.16	0.25	0.39	0.73	0.75	1.27	C/F	7.35
Ø ORZBIALHQV	C _v		0.7	2	8	15	22	38	42	70	110

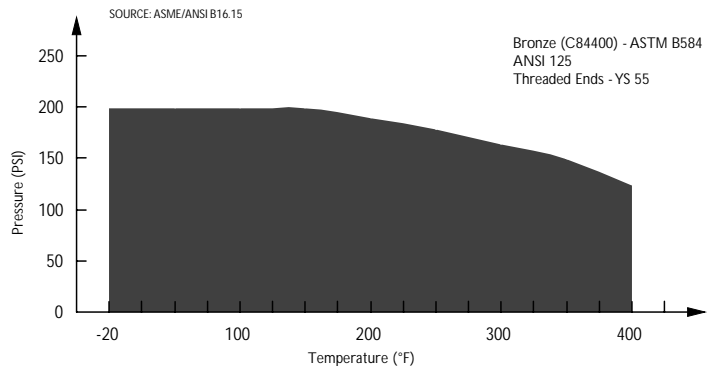
1. Dimensions and weights are for reference only. When required, request FHVLNUGZLV
2. Face to face values have a tolerance of ±0.06 in (±2.0 mm).

	YS 55-BZ (Threaded)	YS 56-BZ (Solder) ⁽¹⁾
WOG (Non-shock):	200 PSI @ 150 °F	400 PSI @ 100 °F
Saturated Steam:	125 PSI @ 353°F	N/A
Max Liquid:	125 PSI @ 400 °F	125 PSI @ 400 °F

6L]H	Liquid	Open Area	Steam	Open Area
1/4" - 2"	20 mesh	51.8%	30 mesh	44.8%
2 1/2" - 3"	1/16 (.0625)	41%	3/64 (.045)	36%

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ASME/ANSI B16.15	Cast Bronze Threaded Fittings
ASME/ANSI B16.18	Cast Copper Alloy Solder Joint Pressure Fittings
ASME/ANSI B16.50	Copper Alloy Braze-Joint Pressure Fittings



1. The pressure-temperature ratings given are ONLY for the YS 55-BZ (Threaded) per ASME B16.15. The internal working pressure rating for a solder joint strainer is dependent, not only on the strainer, but also on the composition of the solder used for the joint. The working pressure ratings shown for model YS 56-BZ (Solder) are representative of using an alloy Sb5 95-5 tin-antimony solder. For other solder joints, please consult factory.