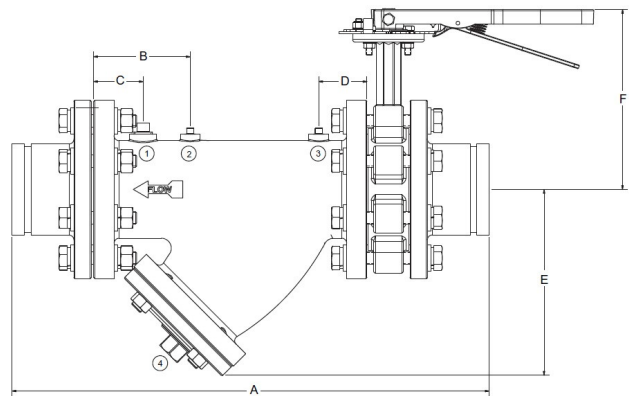


Model SG is a combination strainer valve featuring a cast iron wye strainer with removable stainless steel strainer screen, bolted cover with blow down connection and ANSI 125# Grooved End Connections. Mounted on the inlet is a ductile iron lug type butterfly valve. Strainer body features three threaded accessory ports.

(Model SVF With Groove x Flanged Adaptors)



SPECIFICATIONS	
Pressure Ratings:	175 PSI (2775 kPa)
Temperature Ratings:	250°F (120°C)
Strainer Body Material:	Cast Iron ASTM A 126 Class B
Screen:	S/S Type 304, ASTM A 167
Screen Opening:	2" - 6" 0.045 perf. 8" - 12" 0.125 perf.
Cover Gasket:	Fiber
End Connections:	ANSI 125# Grooved
Butterfly Valve:	Ductile ASTM A 536 64-45-12
Disc:	Aluminum Bronze ASTM B 148 C 95400
Seat:	EPDM
Bushing:	Teflon Fiberglass Backed
Seal:	EPDM
Stem:	Stainless Steel 416 ASTM A582
Available Options:	"PTV" combination PT & Air Vent and "DV" Drain Valve



STRAINERS

NOMINAL DIMENSIONS & WEIGHTS														
MODEL	SIZE		A	B	C	D	E	F	1	2	3	4	WEIGHT	
									NPT	NPT	NPT	NPT	lbs	kg
SG-250	in	2.5"	18.96	5.00	3.00	3.00	7.60	8.15	0.75"	0.25"	0.25"	1.00"	65.6	29.8
	mm	65	481.58	127.00	76.20	76.20	193.00	207.00						
SG-300	in	3.0"	19.73	6.00	3.00	3.00	8.30	8.39	0.75"	0.25"	0.25"	1.00"	78.0	35.4
	mm	80	501.14	152.40	76.20	76.20	210.80	213.00						
SG-400	in	4.0"	22.09	7.00	3.00	3.00	10.10	9.13	0.75"	0.25"	0.25"	1.25"	118.6	57.8
	mm	100	561.08	177.80	76.20	76.20	256.50	232.00						
SG-500	in	5.0"	28.38	9.00	3.50	3.50	11.90	9.65	0.75"	0.25"	0.25"	1.25"	179.2	81.3
	mm	125	720.85	228.60	88.90	88.90	302.30	245.00						
SG-600	in	6.0"	30.82	10.00	4.00	4.00	17.40	10.16	0.75"	0.25"	0.25"	1.50"	221.2	100.3
	mm	150	782.83	254.00	101.60	101.60	442.00	258.00						
SG-800	in	8.0"	36.52	12.00	4.00	4.00	17.40	13.50	0.75"	0.25"	0.25"	1.50"	408.2	185.2
	mm	200	927.61	304.80	101.60	101.60	441.96	343.00						
SG-1000	in	10.0"	42.21	15.00	5.00	5.00	20.88	14.75	0.75"	0.25"	0.25"	2.00"	639.6	290.1
	mm	250	1072.14	367.50	127.00	127.00	530.35	375.00						
SG-1200	in	12.0"	48.91	17.00	5.00	5.00	23.31	16.50	0.75"	0.25"	0.25"	2.00"	884.6	401.3
	mm	300	1242.32	431.80	127.00	127.00	592.00	419.00						
Dimensions not for construction purposes unless certified by factory.														
Please reference data sheet #Bulletin-MB-Accessories for optional accessories.														

Optional features and accessories available for this Macon product are an extra charge, and not included in the standard model price.

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Section: Components
Bulletin-MB-SG-0915.03

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