

## SERIES F9 ANSI RANGE

Y-Strainers are devices for mechanically removing solids from flowing media by means of a wired mesh or perforated basket, replaceable in line. They combine a rugged and compact design for indoors installation in industrial plants, building industry, etc.

Great versatility in end connections, materials and configurations

Marking for identification and full traceability purpose

St. steel screen, made out of high resistance wire, rugged and braided type or perforated basket

Precise machined seat slot, to accommodate the screen and avoid dirt to by-pass the strainer

Reinforced Graphite gasket, with st. steel reinforcement

Standard gasket free threaded blow-off connection

Removable bolting cover, to ease maintenance

Robust and compact construction



### Main Features / Reference Standards

Design: BS 5352  
 Pressure Rating: 800/1500#  
 Face to face length: Manufacturer standard  
 Valve end connections: Threaded NPT to ASME B1.20.1 / BSP to ISO 228-1 / BSPT to ISO 7-1  
 Welded SW to ASME B16.11  
 Marking: MSS SP-25  
 Inspections & Tests: API 598  
 Zinc phosphated surface protection for forged steel valves  
 Product compliant with Directive 2014/68/EU on Pressure Equipment (PED) for European Union territory

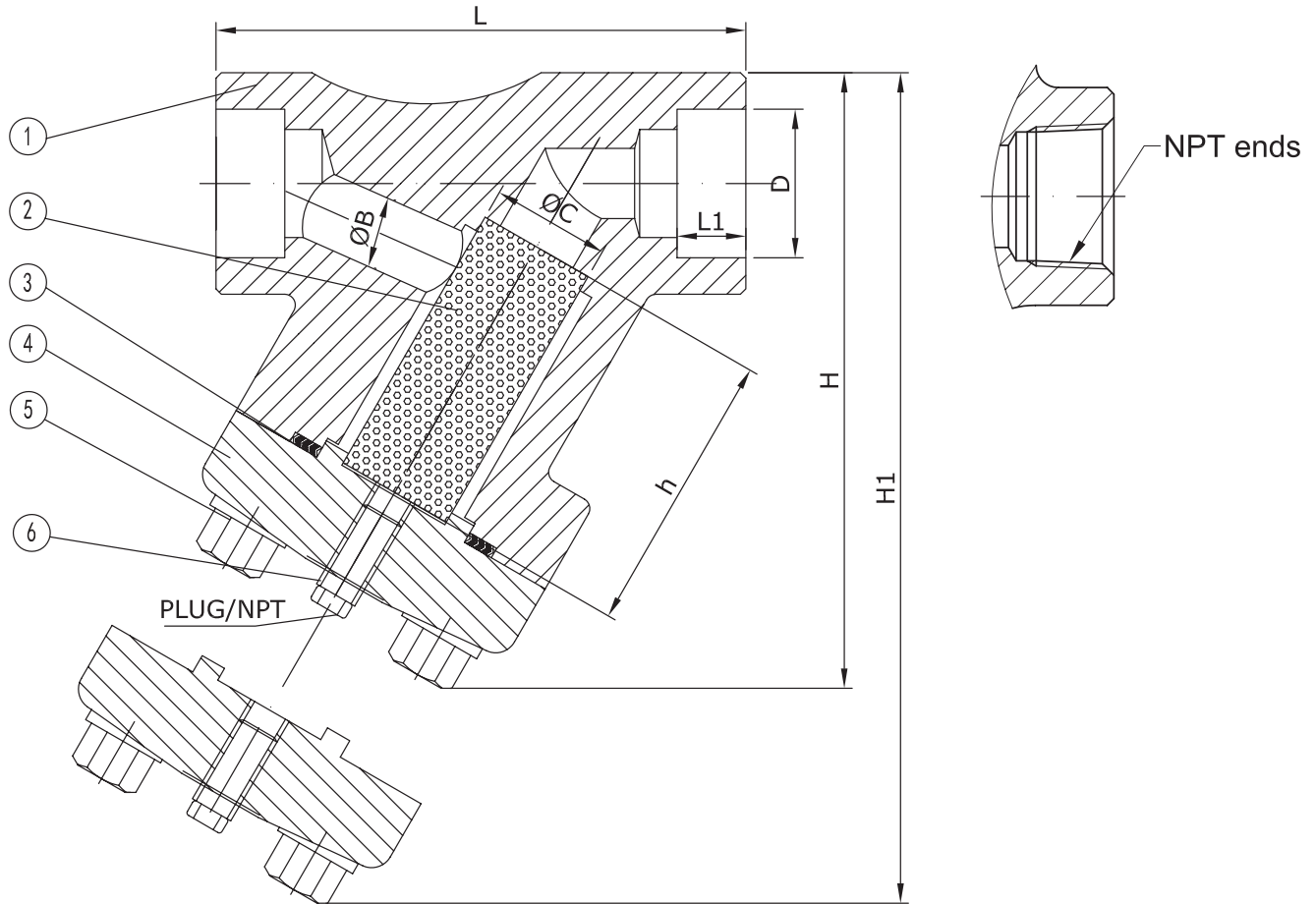
### Main Duties / Limits of use

Fluids compatible with materials of construction. Questions referring to chemical resistance, please consult us  
 Pressure / Temperature Rating to ASME B16.34. See section "Engineering & Performance Data"  
 For products compliant with Directive 2014/68/EU, observe also limits acc. to Annex II tables 6 & 8 (gases & liquids group 1\*) and tables 7 & 9 (gases & liquids group 2\*) up to category III  
 \*Classification of fluids (group 1 or 2) acc. to Directive 2014/68/EU, Article 13

### Options

Diverse body materials and trim combinations, different valve connections, pressure seal... Please consult us

Main Parts and Materials



N°	PART	MATERIAL					
		A105N (F9A0)	A350 LF2 (F9A1)	A182 F11/F22 (F9B7/F9B6)	A182 F304/F304L (F9I1/F9I9)	A182 F316/F316L (F9J3/F9J1)	A182 F51/F53 (F9K3/F9K4)
1	Body	ASTM A105N	A350 LF2	A182 F11/F22	A182 F304(L)	A182 F316(L)	A182 F51/F53
2	Mesh	SS304	SS304	SS304	SS304	SS316	SS316
3	Cover Gasket	SS304+Graphite	SS304+Graphite	SS304+Graphite	SS304+Graphite	SS316+Graphite	SS316+Graphite
4	Cover	ASTM A105N	A350 LF2	A182 F11/F22	A182 F304(L)	A182 F316(L)	A182 F51/F53
5	Cover Bolt	A193 B7	A320 L7	A193 B16	A194 8(M)	A194 8M	A194 8M
6	Drain Plug	A276 410	A276 304	A276 304	A276 304	A276 316	A276 316

HF = Hard faced

Main Valve Parameters

Class 800

Nominal Size		inch	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	
		DN	10	15	20	25	32	40	50	
End connection	Threaded	NPT/ BSP/BSPT	L	98	98	98	120	140	140	172
			ØB	10	15	20	25	32	40	50
End connection	Socket weld	SW	L	98	98	98	120	140	140	172
			L1	9,6	9,6	12,7	12,7	12,7	12,7	16
			ØB	10	15	20	25	32	40	50
			ØD	17,6	21,8	27,1	33,8	42,6	48,7	61,2
H			70	70	70	100	110	120	120	
H1			105	105	105	135	155	165	175	
Plug			1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	
Basket	h		50	50	50	65	75	80	85	
	ØC		20	20	20	28	35	38	48	
	Standard perforation		0.8mm	0.8mm	0.8mm	0.8mm	0.8mm	0.8mm	0.8mm	
Kvs-value			3,2	3,8	8,6	13,7	19,7	40,3	68,5	
Approx. Weight Threaded/SW			2,2	2,2	2,1	4,2	8,9	8,9	10	

Dimensions in mm subject to manufacturing tolerance / Kvs-values in m³/h / Weights in kg

Class 1500

Nominal Size		inch	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	
		DN	10	15	20	25	32	40	50	
End connection	Threaded	NPT/ BSP/BSPT	L	98	120	120	140	140	172	220
			ØB	10	15	20	25	32	40	50
End connection	Socket weld	SW	L	98	120	120	140	140	172	220
			L1	9,6	9,6	12,7	12,7	12,7	12,7	16
			ØB	10	15	20	25	32	40	50
			ØD	17,6	21,8	27,1	33,8	42,6	48,7	61,2
H			70	100	100	110	120	120	150	
H1			105	105	135	155	165	175	210	
Plug			1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	
Basket	h		50	50	65	75	80	85	100	
	ØC		20	20	20	28	35	38	48	
	Standard perforation		0.8mm	0.8mm	0.8mm	0.8mm	0.8mm	0.8mm	0.8mm	
Kvs-value			3,2	3,8	8,6	13,7	19,7	40,3	68,5	
Approx. Weight Threaded/SW			2,2	4,2	4,2	8,9	8,9	10	18,6	

Dimensions in mm subject to manufacturing tolerance / Kvs-values in m³/h / Weights in kg