



Y-STRAINER

MODEL Y8F CAST IRON, CAST STEEL,
DUCTILE CAST IRON,
STAINLESS STEEL

FLANGED STRAINER IN ALL NOMINAL SIZES WITH STANDARD OR OPTIONAL FINE MESH

Features

Y-shaped strainer with drain plug for use with steam, water and other fluids*.

1. Simple yet rugged construction ensures long service life.
2. Screen made of durable stainless steel.
3. Designed for easy inline cleaning and maintenance.
4. DN 150 and larger screens have a perforated stainless steel supporting basket.
5. Precise screen guidance in cover and body.

* Do not use for toxic, flammable or otherwise hazardous fluids.

Pressure Equipment Directive (PED)



This product fully conforms to the requirements of the Pressure Equipment Directive (PED, 2014/68/EU) and features CE marking where applicable.



Specifications

Model		Y8F-16	Y8F-25	Y8F-40	
Body Material		Cast Iron EN-GJL-250	Ductile Cast Iron EN-GJS-400-18-LT	Cast Steel GP240GH	Cast Stainless Steel G-X5CrNiMo19-11-2
Connection		Flanged PN 16	Flanged PN 25	Flanged PN 40	
Size		DN 15 to 200	DN 15 to 200	DN 15 to 200	
Standard Mesh Size* (Mesh Width: mm)	DN 15 to 50	45 (1.0)			
	DN 65 to 80	28 (1.25)			
	DN 100 to 200	15 (1.6)			

* Optional fine mesh available on request

Operating Pressure & Temperature													Temperature (°C)
Model	-20	-10	50	100	120	150	200	250	300	350	400	450	
Y8F-16	—	16	16	16	16	14.4	12.8	11.2	9.6	—	—	—	Maximum Operating Pressure (barg)
Y8F-25	—	25	25	25	25	24.3	23	21.8	20	17.5	—	—	
Y8F-40	C.S	30	40	40	37.1	—	35.2	33.3	30.4	27.6	25.7	23.8	
	S.S	40	40	40	40	—	36.3	33.7	31.8	29.7	28.5	27.4	—

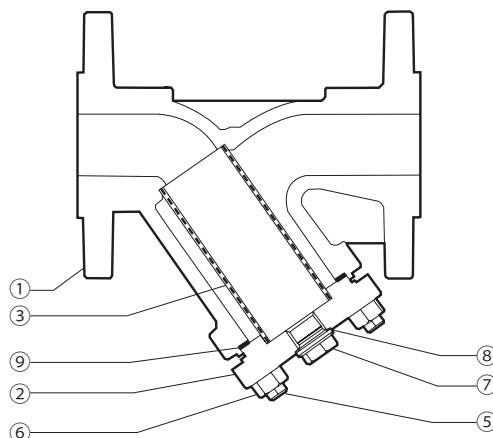
C.S: Cast Steel, S.S: Cast Stainless Steel



To avoid abnormal operation, accidents or serious injury, DO NOT use this product outside of the specification range. Local regulations may restrict the use of this product to below the conditions quoted.

No.	Description	Material	DIN*
①	Body	Y8F-16 Cast Iron EN-GJL-250	0.6025
		Y8F-25 Ductile Cast Iron EN-GJS-400-18-LT	0.7043
		Y8F-40 Cast Steel GP240GH	1.0619
		Y8F-40 Cast Stainless Steel G-X5CrNiMo19-11-2	1.4408
②	Cover	Y8F-16 Cast Iron EN-GJL-250	0.6025
		Y8F-25 Ductile Cast Iron EN-GJS-400-18-LT	0.7043
		Y8F-40 Cast Steel GP240GH	1.0619
		Y8F-40 Cast Stainless Steel G-X5CrNiMo19-11-2	1.4408
③	Screen	Cast Stainless Steel X5CrNi 18-10	1.4301
④	Supporting Basket**	Cast Stainless Steel X5CrNi 18-10	1.4301
⑤	Cover Bolt	Y8F-16 Steel 5.6-A3A	—
		Y8F-25 Steel A2-70	—
		Y8F-40 Steel 25CrMo4/A4-70***	—
⑥	Cover Nut	Y8F-16 Steel 5-A3A	—
		Y8F-25 Steel A2-70	—
		Y8F-40 Steel 25CrMo4/A4-70***	—
⑦	Drain Plug	Steel C35E/A2***	—
⑧	Drain Plug Gasket	Stainless Steel A4	1.4571
⑨	Cover Gasket	Graphite/Stainless Steel	—

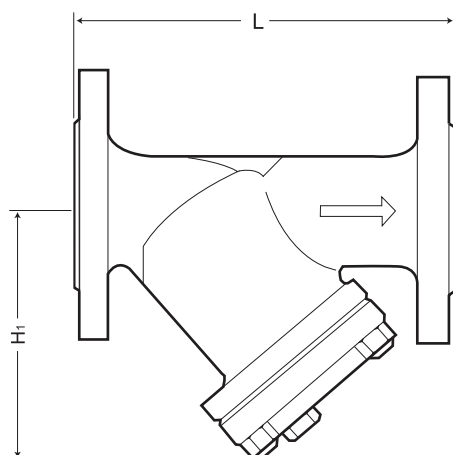
* Equivalent materials ** DN 150 and larger (not shown) *** Only for Y8F-40 Cast Stainless Steel



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Dimensions

● Y8F-16/Y8F-25/Y8F-40 Flanged



Y8F-16/Y8F-25 Flanged (mm)

DN	L	H ₁	Weight* (kg)
	DIN 2501		
	PN 16 / PN 25		
15	130	90	2.6
20	150	100	3
25	160	115	4.3
32	180	135	6.8
40	200	150	9
50	230	160	11
65	290	180	17
80	310	215	20
100	350	240	30
125	400	280	43
150	480	330	56
200	600	405	110

* Weight is for PN 25

Y8F-40 Flanged (mm)

DN	L	H ₁	Weight (kg)
	DIN 2501		
	PN 40		
15	130	90	2.7
20	150	100	3.6
25	160	115	4.5
32	180	135	6.3
40	200	150	8.7
50	230	160	11
65	290	180	19
80	310	215	24
100	350	240	33
125	400	280	54
150	480	330	75
200	600	405	137

Cv & Kvs Values

Model	DN	15	20	25	32	40	50	65	80	100	125	150	200
Y8F	Kvs (DIN)	5.7	10	16	27	42	65	98	149	234	376	454	853
	Cv (UK)	5.6	10	16	26	41	63	95	145	227	365	441	828
	Cv (US)	6.6	12	19	32	49	75	114	174	273	439	530	994