

Schmutzfänger, Stahlguss/ Strainer, cast steel

PA-050.235 / 050.435

Technische Daten

Bauform

PN 16/40

Baulänge: F1

Gehäuse: GS-C25

Sieb: Edelstahl 1.4301

Maschenweite DN 15 - 50: 0,6 mm

Maschenweite DN 65 - 150: 1,2 mm

Maschenweite ab DN 200: 1,5 mm

Feinsieb: 0,25 mm

Ab DN 150 mit Stützkorb

Specification

Design

PN 16/40

Face to face: F1

Body: GS-C25

Mesh: stainless steel 1.4301

Mesh size DN 15 - 50: 0,6 mm

Mesh size DN 65 - 150: 1,2 mm

Mesh size from DN 200: 1,5mm

Fine screen: 0,25 mm

From DN 150 with supporting cage



Anschluss

Schmutzfänger in Schrägsitzform

Connection

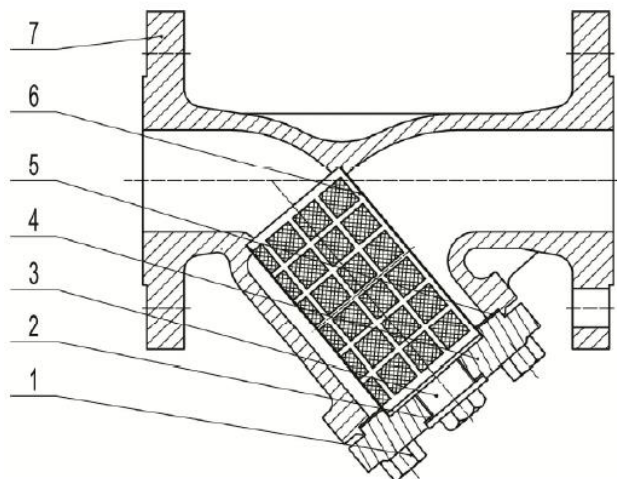
Strainer in Y-pattern

Betriebstemperatur

Max. 400°C

Temperature Range

Max. 400°C



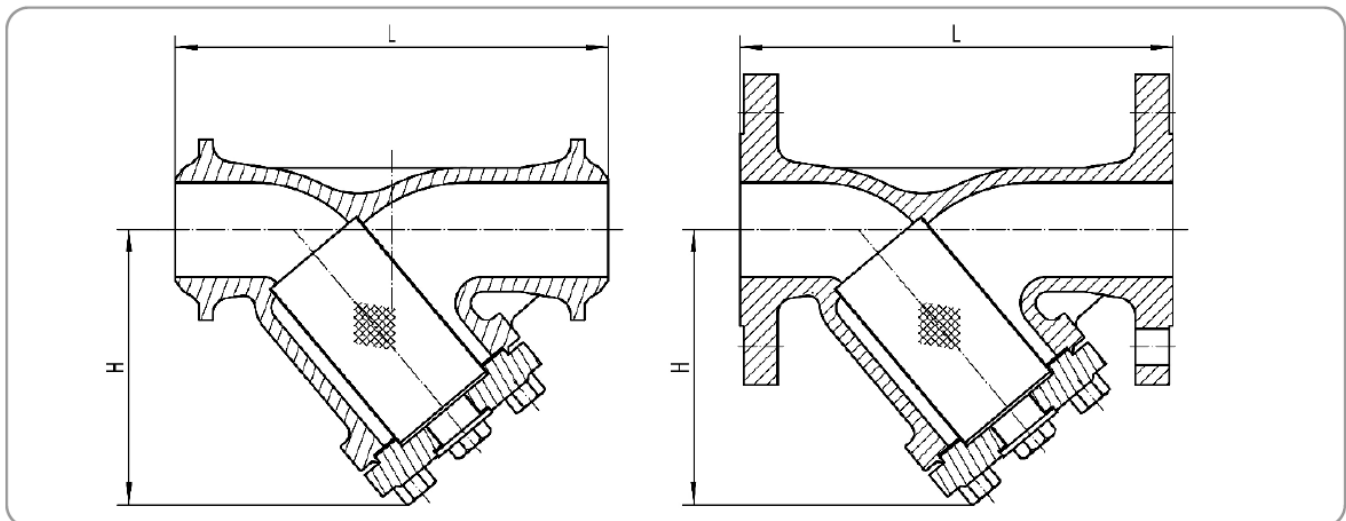
Pos.	Name	Material
1	Bolt	A193 B7, A193 B16, A193 B8M
2	Sealing gasket	Cu Alloy,
3	Drain screw	A105, F316
4	Bonnet	1.0619 (A216 WCB), 1.7357 (A217 WC6), 1.4408 (A351 CF8M)
5	Gasket	GRAPHITE+SS304 or SS316
6	Screen	SS304/SS316
7	Body	1.0619 (A216 WCB), 1.7357 (A217 WC6), 1.4408 (A351 CF8M)

Note: The chart above only lists out some common composition of y-strainer parts. We may provide other different parts material composition according to the customer's request or the actual valve working condition.

P-T data

Material	PN	Working pressure MPa / Working temperature °C													
		100	150	200	250	300	350	400	425	450	500	525	550	575	595
1.0619 (A216 WCB)	16	1.36	1.27	1.14	1.04	0.94	0.88	0.84	-	-	-	-	-	-	-
	25	2.13	1.98	1.78	1.62	1.47	1.37	1.32	-	-	-	-	-	-	-
	40	3.41	3.17	2.84	2.60	2.35	2.19	2.11	-	-	-	-	-	-	-
1.4408 (A351 CF8M)	16	1,33	1,2	1,1	1,02	0,96	0,91	0,87	0,86	0,86	0,83	-	-	-	-
	25	2,07	1,87	1,72	1,6	1,5	1,42	1,36	1,35	1,34	1,3	-	-	-	-
	40	3,32	2,99	2,75	2,56	2,41	2,27	2,18	2,16	2,14	2,08	-	-	-	-
1.7357 (A217 WC6)	16	1,63	1,58	1,49	1,43	1,33	1,23	1,15	1,11	1,07	0,89	0,68	0,35	0,28	0,2
	25	2,54	2,48	2,33	2,23	2,08	1,93	1,8	1,73	1,67	1,39	1,06	0,55	0,43	0,32
	40	4,07	3,96	3,74	3,57	3,33	3,09	2,89	2,77	2,67	2,23	1,7	0,88	0,69	0,52

Note: the temperature not listed in the table is selected by linear interpolation method.



Dimensions

Note: The dimensions of flange end, please download the technology data from our website

DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	
L	130	150	160	180	200	230	290	310	350	400	480	600	730	850	980	1100	
H	72	88	105	110	130	140	170	190	240	290	340	425	515	615	725	835	
Weight (kg) FL	PN16	2.5	3.4	4.6	5.5	5.6	9.2	13.5	17.3	27	39	58	113	225	270	380	620
	PN25	2.5	3.4	4.6	5.5	5.6	9.4	15	20.2	32	47.5	70	121.5	230	290	430	680
	PN40	2.5	3.4	4.6	5.5	5.6	9.4	15	20.2	32	47.5	70	127.4	240	310	470	700
Weight (kg) BW	PN16	1.0	1.6	2.6	3.0	3.8	4.2	8.2	15	22	33	50	80	160	200	340	510
	PN25	1.0	1.6	2.6	3.0	3.8	4.2	8.2	15	22	33	50	80	160	200	340	510
	PN40	1.0	1.6	2.6	3.0	3.8	42.0	8.2	15	22	33	50	80	160	200	340	510
Kv (for mesh40)	6.3	11	17.5	28	44	69	118	178	270	420	620	1100	1700	2500	3400	4400	