



Y-STRAINER

BOA-S Series

CAST IRON
DUCTILE CAST IRON

FLANGED STRAINER IN ALL NOMINAL SIZES WITH STANDARD OR FINE MESH

Features

Y-shaped strainer with drain plug for use with water, steam 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. DN150 and larger screens have a perforated stainless steel supporting basket.
5. Precise screen guidance in cover and body.
6. Asbestos-free.



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

Specifications

Model	BOA-S16			BOA-S25		
Connection	Flanged PN 16			Flanged PN 25		
Body Material	GG-25			GGG40.3		
Size	DN 15 - 300			DN 15 - 200		
Standard Mesh Width* (mm)	DN: Mesh Width:	15 - 50 1.0	65, 80 1.25	100 - 300 1.6	15 - 50 1.25	65 - 200 2.0

Operating Pressures & Temperatures

Model	-10** up to 120	150	200	250	300	350	Temperature (°C)
BOA-S16 (PN 16)	16	14.4	12.8	11.2	9.6	—	Maximum Operating Pressure (barg)
BOA-S25 (PN 25)	25	24.3	23	21.8	20	17.5	

* Optional 0.25 mm fine mesh available on request ** Subject to the limitations of fluid freezing point

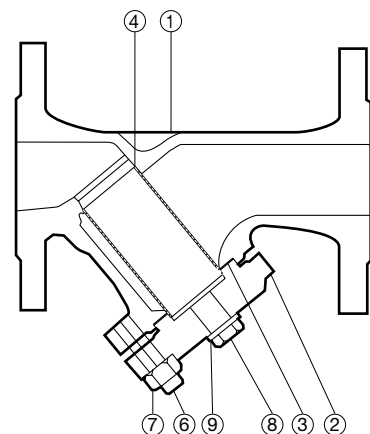
1 bar = 0.1 MPa



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	BOA-S16	Cast Iron GG-25	0.6025
		BOA-S25	Ductile Cast Iron GGG40.3	0.7043
②	Cover	BOA-S16	Cast Iron GG-25	0.6025
		BOA-S25	Ductile Cast Iron GGG40.3	0.7043
③	Cover Gasket	Graphite/Stainl. Steel	—	
④	Screen	BOA-S16	Stainless Steel	1.4541
		BOA-S25	Stainless Steel	1.4301
⑤	Supporting Basket*	BOA-S16 DN 150-300	Stainless Steel	1.4541
		BOA-S25 DN 150, 200	Stainless Steel	1.4301
⑥	Cover Bolt	BOA-S16	Carbon Steel 5.6 or 8.8	—
		BOA-S25	Carbon Steel Ck 35 V	1.1181
⑦	Cover Nut	BOA-S16	Carbon Steel 5-2 or 8	—
		BOA-S25	Carbon Steel Ck 35 V	1.1181
⑧	Drain Plug	BOA-S16	Stainless Steel A4 or A2	—
		BOA-S25	Carbon Steel Ck 35 V	1.1181
⑨	Drain Plug Gasket	Stainless Steel A4	—	

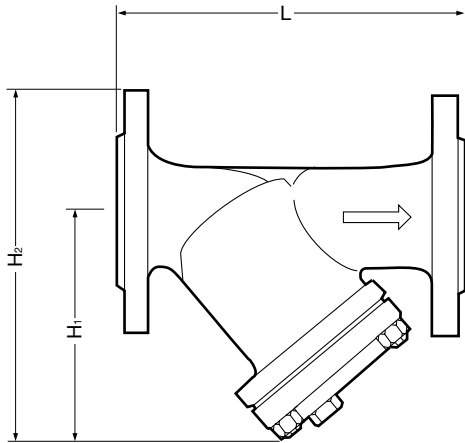
* Not shown



BOA-S16 / BOA-S25

Dimensions

● **BOA-S16/BOA-S25 Flanged**



BOA-S16 Flanged

(mm)

DN	L	H ₁	H ₂	Weight (kg)
	DIN 2501 PN 16			
15	130	90	138	3
20	150	100	153	4
25	160	115	173	5
32	180	125	195	7
40	200	150	225	9
50	230	160	243	12
65	290	180	273	16
80	310	215	315	21
100	350	235	345	30
125	400	275	400	43
150	480	305	448	61
200	600	390	560	121
250	730	540	743	154
300	850	680	910	255

BOA-S25 Flanged

(mm)

DN	L	H ₁	H ₂	Weight (kg)
	DIN 2501 PN 25			
15	130	75	123	3.5
20	150	75	128	4
25	160	90	148	5.5
32	180	90	160	7
40	200	110	185	9
50	230	120	203	12
65	290	140	233	16
80	310	165	265	21
100	350	220	338	32
125	400	260	395	47
150	480	300	450	64
200	600	360	540	133

Cv & Kvs Values

Model	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300
BOA-S16	Kvs (DIN)	5.7	10	16	27	42	64	96	149	223	347	480	853	1104	1450
	Cv (UK)	5.5	10	15	26	40	62	93	144	216	337	466	829	1073	1409
	Cv (US)	6.7	12	19	31	49	75	112	173	260	404	560	995	1288	1691
BOA-S25	Kvs (DIN)	6.3	11	18	22	37	60	110	170	245	416	608	999	—	—
	Cv (UK)	6.1	11	18	21	36	58	107	165	238	404	591	971	—	—
	Cv (US)	7.4	13	21	26	43	70	128	198	286	485	709	1166	—	—

Manufacturer:
KSB Armaturen

BOA is a registered trademark
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