



Valve and Flow Control Specialists

Fig No WS-S40

STRAINER

DN15-300



	The maximum pressures and temperatures depend on the pressure / temperature ratio and the nature of the fluid.	
Performances		
Technology	Strainer	
Body type	Wafer	
Utilisation	<ul style="list-style-type: none"> Can be used as filter or cleaning valve against dirty liquids in all kinds of pipe lines. For liquids, gases, and steams in all process technology. 	
Face to face	<ul style="list-style-type: none"> DN15-200 : EN558 - S49 DN250-300 : EN558 - S52 	
Flange drilling		
Marking	EN 19	
Design	<ul style="list-style-type: none"> Centering integrated on the body No deviation of flow. 	
Special	DN125 to DN300: <ul style="list-style-type: none"> Placement for PN16-25-40 et PN20/CI150 - PN50/CI300 is done with center ring. 	

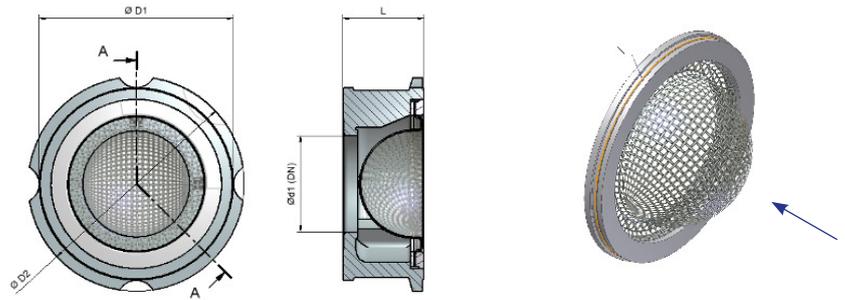
VCS Multi-flange design saves on weight, installation costs and minimizes pipe lengths. Maintenance friendly, easy access to screen for cleaning or replacement. Blow-down plug option for quick and easy debris / sediment flushing. Variety of mesh sizes to suit the intended application. One size strainer fits all flange requirements makes for an easy site standard. Multi-flange design reduces any maintenance stock / stores inventory. Mesh elements are easy to swap out with finer or larger perforations for change of service.

Body Material		Disc Material	
Carbon Steel DN 15 to DN200	1.0619	Stainless Steel	1.4404
Carbon Steel DN 250 to DN 300	E355		
Bronze DN 15 to DN 100	2.1050	VCS standard material	
Bronze DN 125 to DN 300	2.1086		
Stainless Steel DN 15 to DN 200	1.4408	VCS standard material	
Stainless Steel DN 250 to DN 300	1.4404		

* Special materials - Super Duplex Titanium Alloy 600 on request

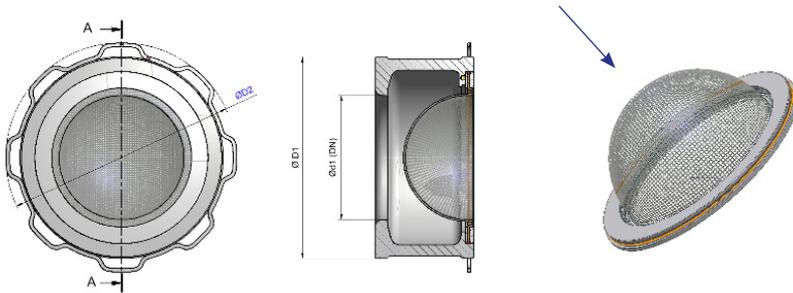


DIMENSIONS (DN15-100)



DN		015	020	025	032	040	050	065	080	100
NPS		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
L		16	19	22	28	31,5	40	46	50	60
Ø D1	PN6	43	53	63	75	86	96	116	133	154
Ø D1	PN10-40	50	60	70	81	91	105	126	148	164/170
Mesh width		0,85	0,85	0,85	0,85	1,4	1,4	1,4	1,4	1,4
Weight, kg		0,1	0,2	0,3	0,5	0,7	1,1	1,6	3,0	3,5
Kv		6,7	14,3	30,4	47,4	92,5	140	230	309	465

DIMENSIONS (DN125-300)



DN		125	150	200	250	300
NPS		5"	6"	8"	10"	12"
L		90	106	140	200	250
Ø D1	PN10	192	218	273	328	378
Ø D2	PN16	192	218	273	328	378
Ø D2	PN25	192	226	283	338	400
Ø D2	PN40	192	226	290	352	417
Ø D2	CI150	192	218	273	338	400
Ø D2	CI300	212	247	304	352	417
Mesh width		2	2	2	3	3
Weight, kg		9,0	11,0	19,0	39,0	65,0
Kv		468	712	1160	468	712

Indicating the use of center ring.

D2 shows the outer diameter of the center ring.