THERMODYNAMIC STEAM TRAP

TD16、TD42

TD52

CS49

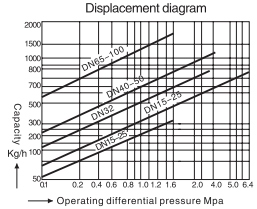
PRODUCT INTRODUCTION

This trap is designed according to the principle of dynamics. When the condensed water and steam on viscidity and density will drive the switching part .This trap has an extensive application in pipelines of steam ,heat accompanying pipelines and small steam equipments.

ADVANTAGE

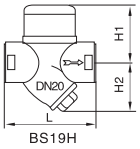
1.This trap is featured with solid structure ,light weight,small volume and different pressure without any adjustment.
2.Gas discharging equipment for rapidly discharging provide the ability of ability of fast start.
3.Excellent ability to keep the steam from freezing

Displacement diagram

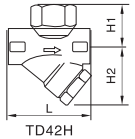


MIAN PARTS MATERIALS

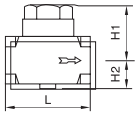
Parts name	Materials
Body,bonnet	Carbon steel (A105),Stainless Steel
Seat Valve plate	Stainless Steel



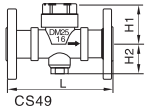
BS19H



TD42H



TD52H



CS49

MAIN CONNECTION SIZE

Model	Nominal diameter DN	Pressure range Mpa	Max allowable	External dimensions(mm) Thread,SW			Flange		
				L	H	H2	L1	H1	H2
BCS19H BCS69H BCS49H	15-20	0.01~1.6 2.5、4.0	425	90	55	48	150	55	50
	25			90	55	48	160	55	50
	32			120	68	78	230	68	78
	40			120	70	78	230	75	83
	50			140	80	83	230	80	83
	65						250	90	95
	80						280	140	145
	100						310	150	165
CS19H CS69H CS49H (Td16、32、42)	15	0.01~1.6 3.2、4.2	425	80	47	54	150	47	54
	20			90	52	59	150	52	59
	25			95	59	62	160	59	62
	32			105	70.5	89.5	210	70.5	89.5
	40			110	70.5	89.5	230	70.5	89.5
	50			120	71	104	230	71	104
16C CS49H-25C 40C	65	0.01~4.0	350				270	107	87
	80						280	115	94
	100						320	120	104

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LUOKAI
WE MAKE FLOW BETTER

STEAM-WATER SEPARATOR

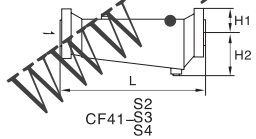
CF41-S2 S3 S4

CF11-S1

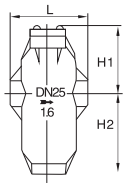
AS-S7

ADVANTAGE

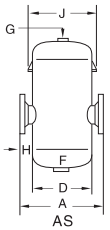
1.Improve the dryness of the steam to improve the heating efficiency of the equipment and reduce the impact to the pipelines.
2.Prevent water beating . The condensed water will be discharged from the trap below the separator.



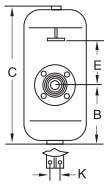
CF41-S2 S3 S4



CF11



AS



AS

PRODUCT INTRODUCTION

Cf41,CF11 and AS-S7 gas and water separator make the steam and water apart though the abrupt change of the flow's direction.

MAIN CONNECTION SIZE

Model	Nominal diameter DN	Connection	Pressure range Mpa	Max allowable Temp(℃)	External dimensions(mm) L	H1	H2	D
Cf11	15~20	Thread	0.01~2.5	350	130	115	156	Thread
	25				150	155	222	
CF41	20~32	Flange	0.01~2.5	350	320	65	100	Thread
CF41	40~50 65	Flange	0.01~2.5	350	460 490	80 90	260 275	Thread
CF41	80~100	Flange	0.01~2.5	350	510	110	190	Thread
Cf41	125~150	Flange	0.01~2.5	350	590	145	200	Thread

MAIN CONNECTION SIZE

Size	Design pressure (Mpa)	External dimensions(mm) A	B	C	D	E	F	G	H	J	K	Weight (kg)	Volume (L)
DN65	1.6	420	250	640	219	160	1"	3/4"	100	265	30	46.5	18
	2.5	420	250	640	219	160	1"	3/4"	100	265	30	49	18
DN80	1.6	525	330	735	273	145	2"	3/4"	125	370	30	80	33
	2.5	525	330	735	273	145	2"	3/4"	125	370	30	88	33
DN100	1.6	575	335	795	324	165	2"	3/4"	125	385	40	98	50
	2.5	575	335	795	324	165	2"	3/4"	125	385	40	106	50
DN125	1.6	656	312	845	356	230	2"	3/4"	150	415	44	115	67
	3.0	656	312	845	356	230	2"	3/4"	150	415	44	134	67
DN150	1.6	706	345	935	406	245	2"	3/4"	150	465	60	154	96
	3.0	706	345	935	406	245	2"	3/4"	150	465	60	172	96
DN200	0.6	850	465	1200	500	375	2"	2"	175	560	60	275	185
	1.6	850	465	1200	500	375	2"	2"	175	560	60	280	185
	3.0	858	460	1200	508	375	2"	2"	175	565	60	280	230
DN250	0.6	950	615	1580	600	532	2"	2"	175	685	72	475	335
	1.6	950	615	1580	600	532	2"	2"	175	685	72	475	335
	3.0	960	615	1580	610	532	2"	2"	175	695	72	475	333
DN300	0.6	1000	740	1700	600	542	2"	2"	200	685	72	500	330
	1.6	1000	740	1700	600	542	2"	2"	200	685	72	500	330
	3.0	1010	740	1700	610	542	2"	2"	200	685	72	500	330
DN350	0.6/1.6/3.0	1100	755	1800	700	526	2"	2"	200	815	108	550	535

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