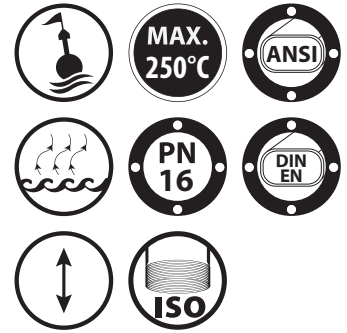
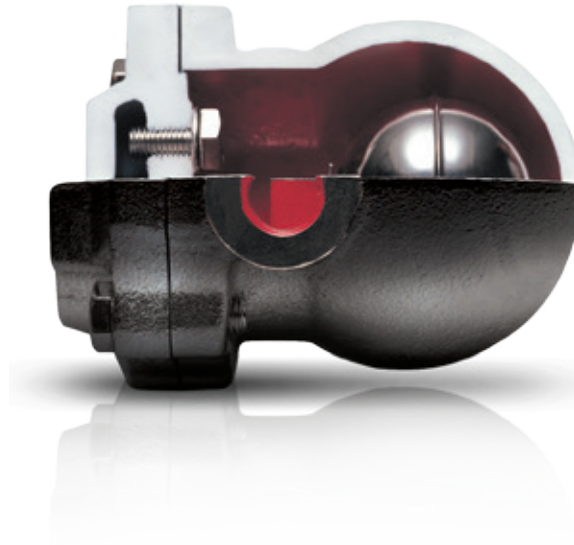


FLOAT TYPE LIQUID DRAINERS

SA-51 LIQUID DRAINER

Scan this QR Code



DESIGN

Product Features

Body	Ductile Iron GGG 40.3
Cover	Ductile Iron GGG 40.3
Internals and float	Stainless Steel AISI 304
Connection Types	Flanged and Threaded

Operating Conditions

Max. Operating Pressure (PMO)	16 bar
Max. Operating Temperature (TMO)	250°C

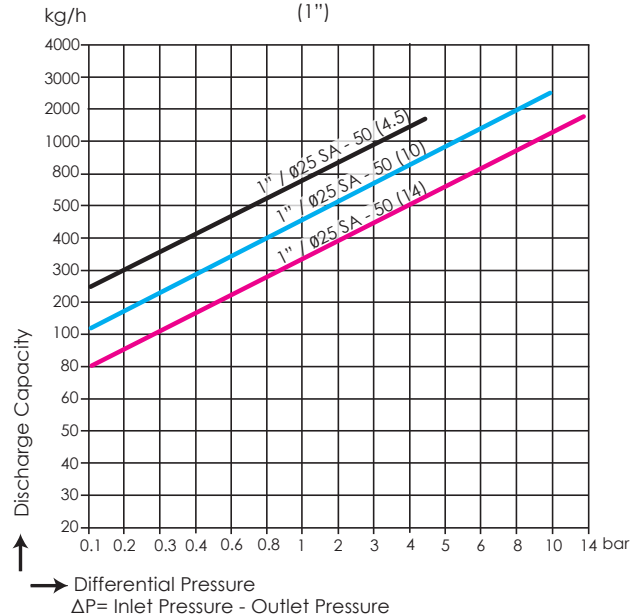
Operation

SA-51 is used for liquid draining in gas or air lines and maintain efficiency of the system. When the system starts up, water and air enter inside of the drainer together. As the water level rises, the ball float cracks the valve to drain liquid at the same rate that it reaches the trap. Changes in the rate of flow to the trap adjust the float level and the degree of opening of the valve.

Installation

SA-51 can be installed both vertically and horizontally with the pipeline. The pipeline should be constructed with a grade in order to maintain the fluid to flow into the liquid drainer constantly without any difficulty. If a large amount of condensate occurs, the air may stuck in the body of the liquid drainer. In order to prevent air stuck a balance pipe can be connected with the drainer, so condensate can flow into the drainer easily.

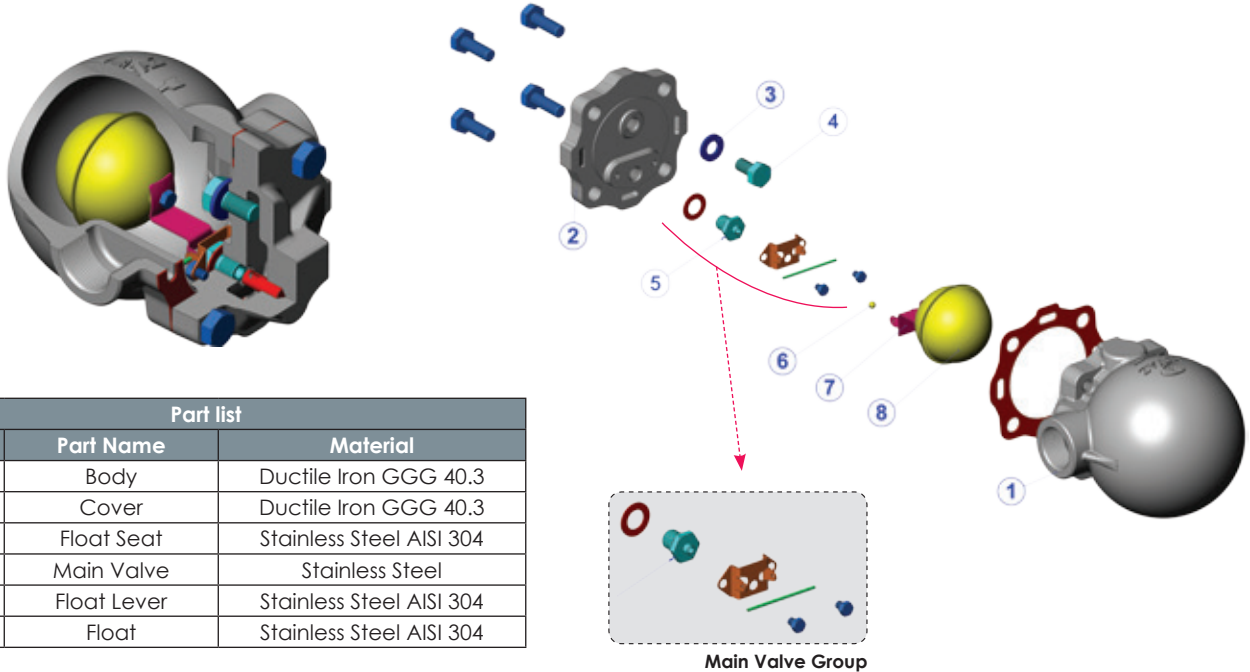
Discharge Capacities (1")



FLOAT TYPE LIQUID DRAINERS

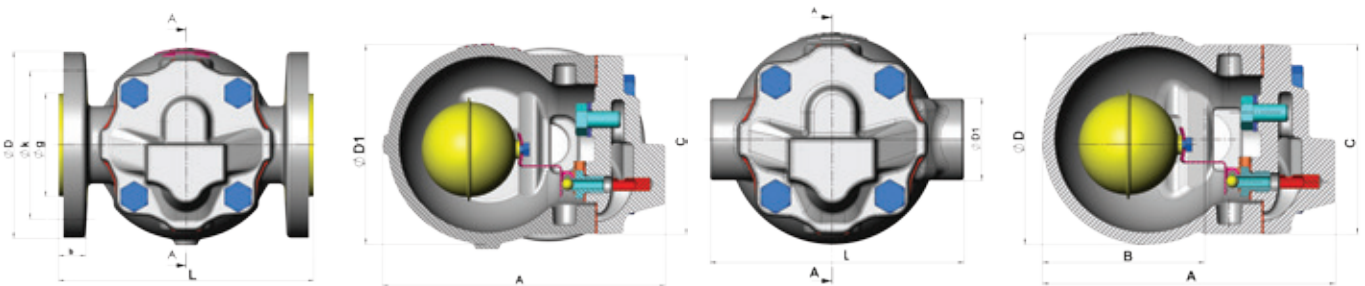
SA-51 LIQUID DRAINER

Construction



Part list		
No	Part Name	Material
1	Body	Ductile Iron GGG 40.3
2	Cover	Ductile Iron GGG 40.3
3	Float Seat	Stainless Steel AISI 304
4	Main Valve	Stainless Steel
5	Float Lever	Stainless Steel AISI 304
6	Float	Stainless Steel AISI 304

Dimensions



DIMENSIONS											
Size	Code	Flanged									
		ØD (mm)	Øk (mm)	Øg (mm)	b (mm)	Øixn (mm)	A (mm)	B (mm)	C (mm)	ØD1 (mm)	L (mm)
DN 15	70380102001	95	65	46	14	Ø14x4	152.5	81.5	105	98	150
DN 20	70380102004	105	75	56	16	Ø14x4	152.5	81.5	105	98	150
DN 25	70380102008	117	85	65	17	Ø14x4	170	99.5	108	120	160
Size	Code	Threaded									
		A (mm)	B (mm)	C (mm)	ØD (mm)	ØD1 (mm)	L (mm)				
1/2"	70380101001	150	81.5	108	98	40	122				
3/4"	70380101004	150	81.5	108	98	40	122				
1"	70380101011	167	92.5	108	120	47	145				

All the dimensions in the table are given in "mm".
 Subject to technical alterations and deviations resulting from the manufacturing process without giving any notification.