

TRENT T SERIES

T-POT STRAINER

FEATURES

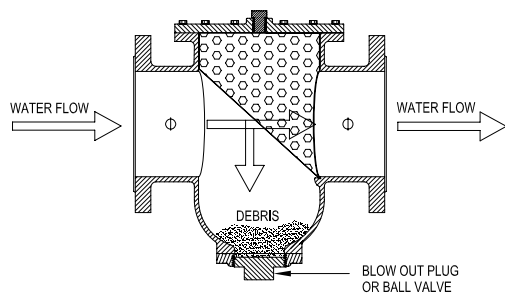
- Wide range of sizes
- Large flushing/drain down facility
- Self cleaning screen
- Ease of maintenance
- Air release facility
- Low head loss characteristic
- Optional head loss indicator
- Optional head loss transmitter for remote monitoring via SCADA

INTRODUCTION

TRENT T series T-POT strainers are designed specifically for the protection of sensitive water control equipment such as water meters and altitude valves in water supply systems. They are effective in screening debris in the water supply systems that can cause meter or altitude valve failures; it is an effective tool in reducing maintenance cost in water supply system and reduction of non-revenue water.

PRINCIPLES OF OPERATION

TRENT T series T-POT strainers are simple inline strainers that consist of a self cleaning perforated screen enclosed in robust body. The debris screened is collected at the bottom of the strainers and can be blown out easily by momentarily open the drain plugs or ball valves located at the bottom of the strainers.



FEATURES

Self cleaning

The stainless steel perforated screen inside the T-pot strainer is designed at an angle which enables it to be continuously cleaned by the water flowing through it. The debris screened all collected at the bottom of the strainer.

Ease of blowing debris

Debris collected at the bottom of T-pot strainer can be easily blown out by opening the plug or ball valve located at the bottom of strainer, no tedious disassembly and assembly works.

Air vent facility

Each TRENT T-pot strainer is furnished with a threaded hole at the cover to facilitate installation of air release valve to release any air bubbles trapped in the pipeline.

Ease of maintenance

The access cover of T-pot strainer is located on top of the strainer. Hence, all internal components can be accessed easily.

Head loss indicator

Optional differential pressure gauge or transmitter can be mounted on the T-pot strainer. This enables condition of the strainer to be monitored locally or remotely via SCADA system.

HTM Industries Sdn Bhd (Company No 475414K)

29, Jalan SG 10/4, Taman Seri Gombak, 68100 Batu Caves, Selangor, Malaysia.

Wide range of sizes

HTM T-pot strainers are available from 200mm to 900mm which cover the common sizes of water meters and altitude valves in water reticulation systems. Strainers of larger sizes available upon request.

Low head loss characteristic

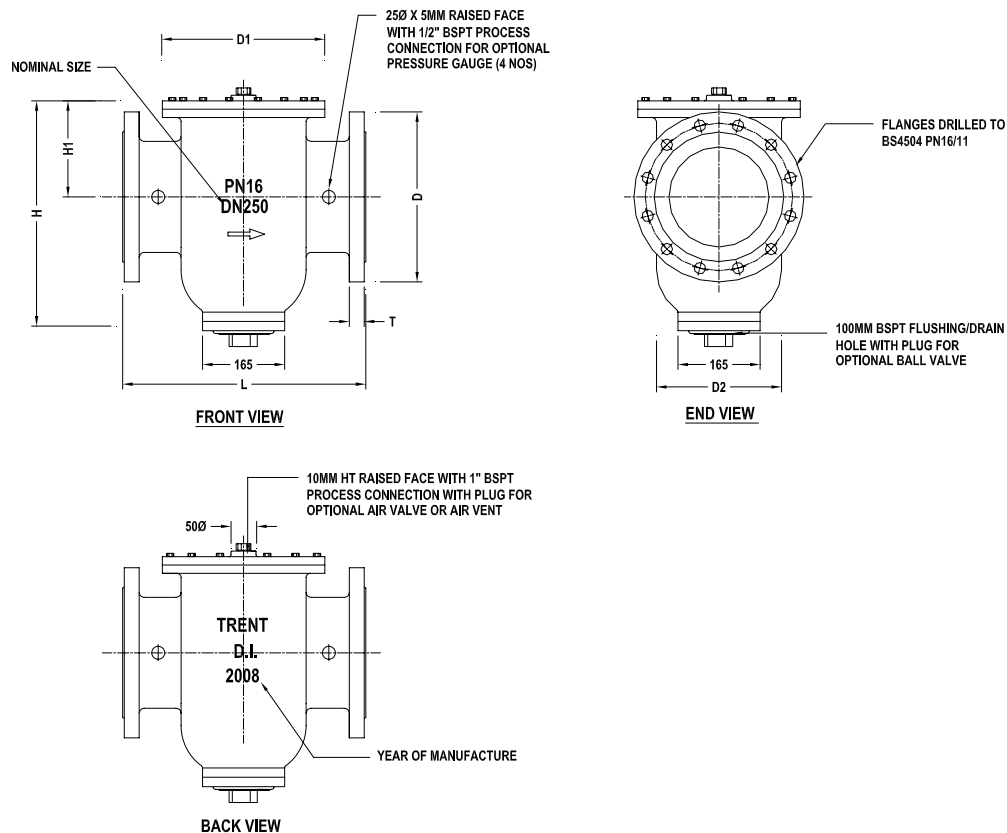
The large area of perforated screen inside strainer enables higher flow coefficient and low head loss through the strainer.

SPECIFICATIONS

Maximum working pressure	: 16 Bar
Body & cover test pressure	: 24 bar
Type of fluid	: water
Maximum working temperature	: 60°C
Flange dimensions	: BS4504 PN16/11
Coating :	Stadard : Cold applied food grade epoxy
	Optional : Surface preparation to Swedish standard SA2.5 with Fusion Bonded Epoxy coating
Colour	: Blue

DIMENSIONS

150MM TO 900MM



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NOMINAL SIZE	DIMENSIONS (MM)							WEIGHT (KG)
	L	H	H1	D	D1	D2	T	
200	486	460	192	340	325	250	20	104
250	586	577	245	400	410	300	22	172
300	658	650	275	455	456	350	24.5	257
350	698	780	350	520	530	400	26.5	276
400	768	860	380	580	590	450	28	300
450	838	935	410	640	665	500	30	396
500	908	1045	480	715	790	600	31.5	553
600	1070	1250	550	840	860	700	36	776
700	1240	1340	590	910	975	800	39.5	1030
800	1380	1560	660	1025	1075	900	43	1385
900	1520	1720	760	1125	1205	1000	46.5	1833

MATERIALS OF CONSTRUCTION

PARTS	MATERIALS	STANDARD	GRADE
BODY & COVER	DUCTILE IRON	BS2789	420/12
SCREEN	STAINLESS STEEL	BS970:PART 1	304S31
BOLTS & NUTS	STAINLESS STEEL	BS970:PART 1	304S31
`O' RING	RUBBER	MS672	EPDM

SCREEN DETAILS

PITCH = 8MM, OPENING DIA. = 5MM, PLATE THICKNESS = 1MM

Manufactured by :

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