



BLAZE

Basket Type Strainer

Model : BT 1416

Description:

The BT 1416 Basket Type Strainer is designed for efficient filtration of debris and suspended solids in high-capacity water systems. Featuring a durable ductile iron or cast iron body and a removable stainless-steel 304 basket, it provides reliable filtration, easy cleaning and efficient flow performance. With PN16/PN25 pressure ratings, blue RAL 5015 FBE coating for corrosion protection, and sizes from 2" to 24" (DN50–DN600), it is suitable for municipal and industrial water systems, water treatment plants, cooling circuits, pump protection, irrigation and fire protection networks.

Specifications :

Size	2" to 24" (DN50 to DN600)
Working Pressure	233 psi (16 Bar) / 363 psi (25 Bar)
End Connection	Flange Standards EN 1092-2 PN16 / PN25 / Class 125 / Class 150
Coating	Fusion Bonded Epoxy (FBE), RAL 5015 (Blue)

Applications :

- Municipal and Industrial Water Systems
- Water Treatment and Filtration Units
- Cooling Water Circuits
- Pump Protection
- Irrigation and Fire Protection Networks

Standard Screen

Sizes (mm)	Hole Diameter	Mesh
50-80	1.5	104
100-250	3.0	40
400-600	5.0	12

Dimensions:

Order Code	DN	Inch	L (mm)	H1 (mm)	H2 (mm)
BT-1416-050-RF	50	2"	207	135	90
BT-1416-065-RF	65	2 ½"	210	155	95
BT-1416-080-RF	80	3"	251	190	105
BT-1416-100-RF	100	4"	292	205	117
BT-1416-125-RF	125	5"	334	219	146
BT-1416-150-RF	150	6"	378	235	165
BT-1416-200-RF	200	8"	472	295	215



Order Code	DN	Inch	L (mm)	H1 (mm)	H2 (mm)
BT-1416-250-RF	250	10"	511	335	325
BT-1416-300-RF	300	12"	680	405	355
BT-1416-350-RF	350	14"	769	585	345
BT-1416-400-RF	400	16"	842	590	390
BT-1416-450-RF	450	18"	842	590	420
BT-1416-500-RF	500	20"	842	600	510
BT-1416-600-RF	600	24"	1054	1175	515

Note: All dimensions are for informational purposes only. Final details should be verified with the approved technical drawings. Dimensional details for valves above 12" size are available upon request.

BLAZETECH SYSTEMS LTD.



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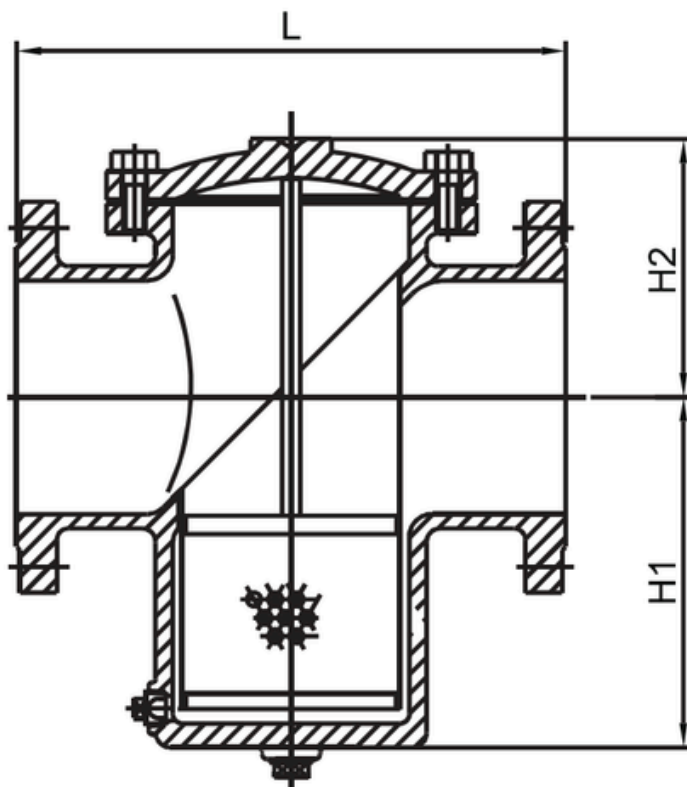
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Material Specification :

No.	Part Name	Material	Specification
1	Body	Ductile Iron	A536 65-45-12 (PN25 / Class 250)
		Cast Iron	A126 Class B (PN16 / Class 125)
2	Cover	Ductile Iron	A536 65-45-12(PN25 / Class 250)
		Cast Iron	A126 Class B(PN16 / Class 125)
3	Screen	Stainless Steel	AISI 304
4	Blow-Off Plug	Carbon Steel	
5	Gasket	Graphite / Teflon	Commercial

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