

**BLAZE**

Waste Cone

Model : BT 5935

Description:

The BT 5935 Waste Cone is designed to safely discharge water from fire pump pressure relief valves, directing the flow away from equipment and surrounding areas. Manufactured as a single-piece ductile iron casting with no welded joints, it provides exceptional strength, durability and reliable performance in demanding fire protection applications.

Designed in accordance with NFPA 20 requirements, the waste cone is suitable for both onshore and offshore installations and is intended for use with UL/FM approved fire pump pressure relief valves. The body is protected with a Fusion Bonded Epoxy (FBE) coating on both the internal and external surfaces, providing excellent corrosion resistance and long service life. Available with ANSI Class 150/300 flanged connections, the BT 5935 Waste Cone is an ideal solution for fire pump systems requiring safe and controlled discharge of relief valve flow.

Specifications:

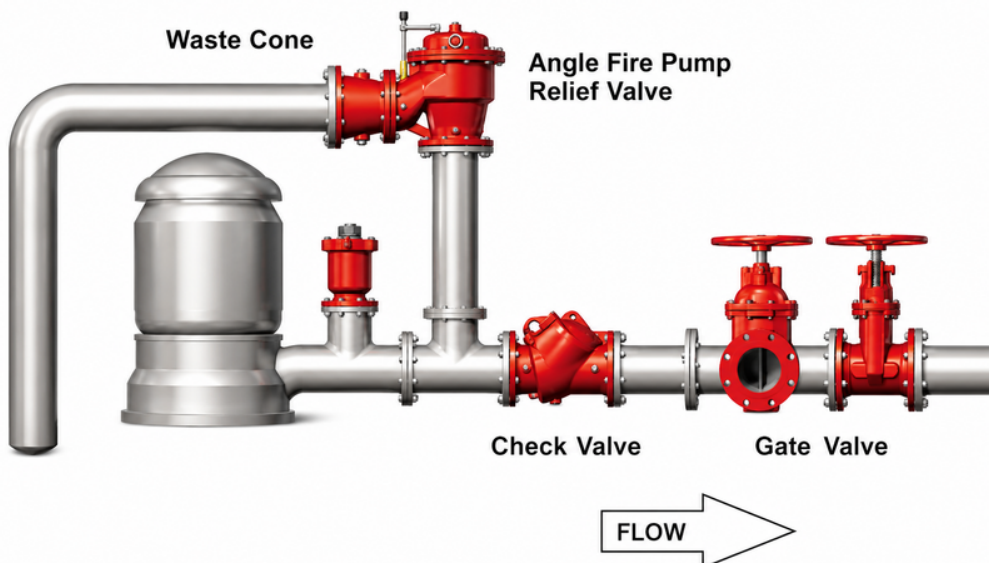
- Suitable for onshore and offshore fire protection applications.
- Manufactured in accordance with NFPA 20 requirements.
- Designed for use with UL/FM approved fire pump pressure relief valves.
- Available with ANSI Class 150 or Class 300 flanged connections; other flange standards available on request.
- Constructed from ASTM A536 Grade 65 Ductile Iron for high strength and durability.
- Fitted with two 2-inch 316 Stainless Steel sight glasses for visual inspection of discharge flow.
- Single-piece body casting with no welded joints for enhanced structural integrity and leak-free performance.
- FBE Coating in accordance with ANSI / AWWA C550. Average Coating Thickness 250 Microns



Options :

- Nickel Aluminum Bronze (NAB) -ASTM B148 Alloy C95800.
- Monel-QQ-N-288 Comp B-ASTM A494 Grade M30H.
- Cast Steel-ASTM A216 Grade WCB.
- 316 Stainless Steel - ASTM A351 Grades CF3M and CF8M.
- Super Duplex Stainless Steel-ASTM A890 Grade 5A(CE3MN).

Product Application Scenario :

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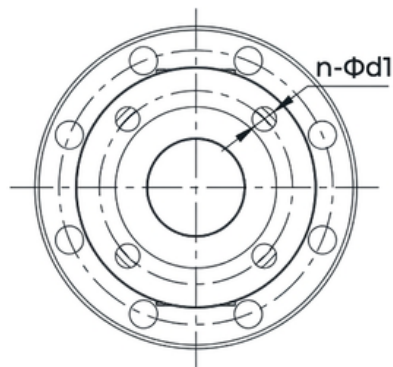
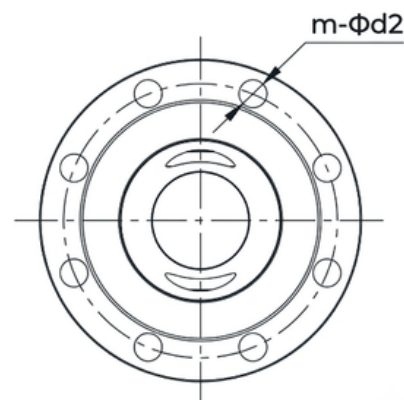
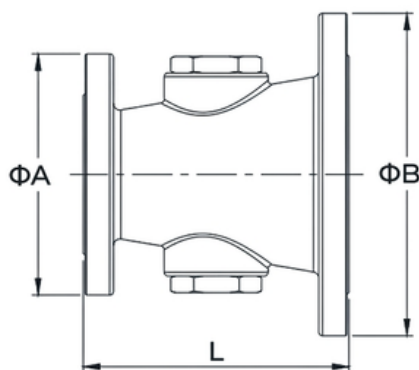
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01/02

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**BLAZE**

Waste Cone

Model : BT 5935**Inlet Flange****Outlet Flange**

Size Inlet X Outlet	PUMP GPM	PRESSURE CLASS	L	ΦA	ΦB	φd1	φd2	NUMBER OF HOLES (INLET) n	DIAMETER OF BOLTS (INLET)	NUMBER OF HOLES (OUTLET) m	DIAMETER OF BOLTS (OUTLET)
3" X 5"	0-450	150LB	8.25	7.5	10	0.75	0.875	4	0.625	8	0.75
3" X 5"	0-450	300LB	9.24	8.25	11	0.875	0.875	8	0.75	8	0.75
3" X 6"	450-500	150LB	9	7.5	11	0.75	0.875	4	0.625	8	0.75
3" X 6"	450-500	300LB	9.69	8.25	12.5	0.875	0.875	8	0.75	12	0.75
4" X 6"	500-750	150LB	9	9	11	0.75	0.875	8	0.625	8	0.75
4" X 6"	500-750	300LB	9.75	10	12.5	0.875	0.875	8	0.75	12	0.75
4" X 8"	750-1000	150LB	10.25	9	13.5	0.75	0.875	8	0.625	8	0.75
4" X 8"	750-1000	300LB	11.06	10	15	0.875	1	8	0.75	12	0.875
6" X 8"	1000-1500	150LB	10.25	11	13.5	0.875	0.875	8	0.75	8	0.75
6" X 8"	1000-1500	300LB	11.19	12.5	15	0.875	1	12	0.75	12	0.875
6" X 10"	1500-2500	150LB	11.5	11	16	0.875	1	8	0.75	12	0.875
6" X 10"	1500-2500	300LB	12.63	12.5	17.5	0.875	1.125	12	0.75	16	1
8" X 12"	2500-3500	150LB	13	13.5	19	0.875	1	8	0.75	12	0.875
8" X 12"	2500-3500	300LB	14.25	15	20.5	1	1.125	12	0.875	16	1.125
8" X 14"	3500-5000	150LB	14	13.5	21	0.875	1.125	8	0.75	12	1
8" X 14"	3500-5000	300LB	15.25	15	23	1	1.25	12	0.875	20	1.125

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