

Selected Lunkenheimer Boiler Mountings



SERVING THE INDUSTRY FOR OVER 130 YEARS

Y Blow-Off Valves



Fig. 180 Bronze with Metal Seat
300 lb SP

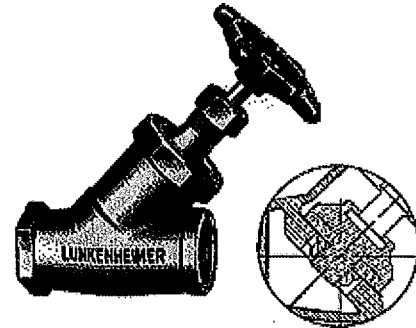


Fig. 180-T with Bronze Teflon Seat
300 lb SP

Lunkenheimer Fig. 180 "Y" Blow-off valves conform to the ASME Boiler Code and are suitable for boiler service up to 80% of valve working steam pressure. Also provide approximate flow and drainage of a gate valve and may be used as such on other services. Also for throttling and fine regulation.

Bodies and bonnets ASTM B61 type-S-1 steam bronze. Seat opening permits almost unrestricted flow. Cylindrical guides insure proper disc seating.

Union Bonnet: Assures strong, pressure-tight connections, facilitates cleaning and inspection.

Discs and seat rings: Regrindable, renewable. NT4 nickel alloy.

Back seats: Repackable when disc is wide open under pressure.

Lunkenheimer Fig. 180-T "Y" Blow-off valves are designed for up to 300 SP service. They are similar to the Fig. 180, except that the seat is internal bronze, the disc is teflon.

Bodies and bonnets ASTM B61 type-S-1 steam bronze. Seat opening permits almost unrestricted flow. Cylindrical guides insure proper disc seating.

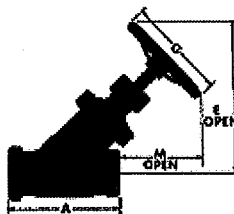
Union Bonnet: Assures strong, pressure-tight connections, facilitates cleaning and inspection.

Disc: Teflon

Back seats: Repackable when disc is wide open under pressure.

Dimensions in inches Weights in Pounds

Size	1	1¼	1½	2
A	4½	5 ³ / ₁₆	5 ¹³ / ₁₆	7
E	6 ¹¹ / ₁₆	7 ⁹ / ₁₆	8 ³ / ₈	9¾
G	4 ¹ / ₈	4 ⁵ / ₈	5 ¹ / ₈	5½
M	3 ¹ / ₈	4¼	4 ¹¹ / ₁₆	5¼
H	10	14	18	22
Fig 180, Wt	4.0	6.0	7.9	13.5
Fig 180-T, Wt	3.9	5.8	7.5	13.0



Principal Parts and Materials

Part	Fig	Material	ASTM
Body & Bonnet		S-1 Steam Bronze	B 61
Disc	180 180-T	NT4 Nickel Alloy Teflon	
Stem		Stemalloy, Rod (C69700)	B371
Seat Ring	180 180-T	NT4 Nickel Alloy Integral/Bronze	
Packing		JC 168 Kevlar	-

These valves comply with ANSI B16.24 and MSS-SP-80