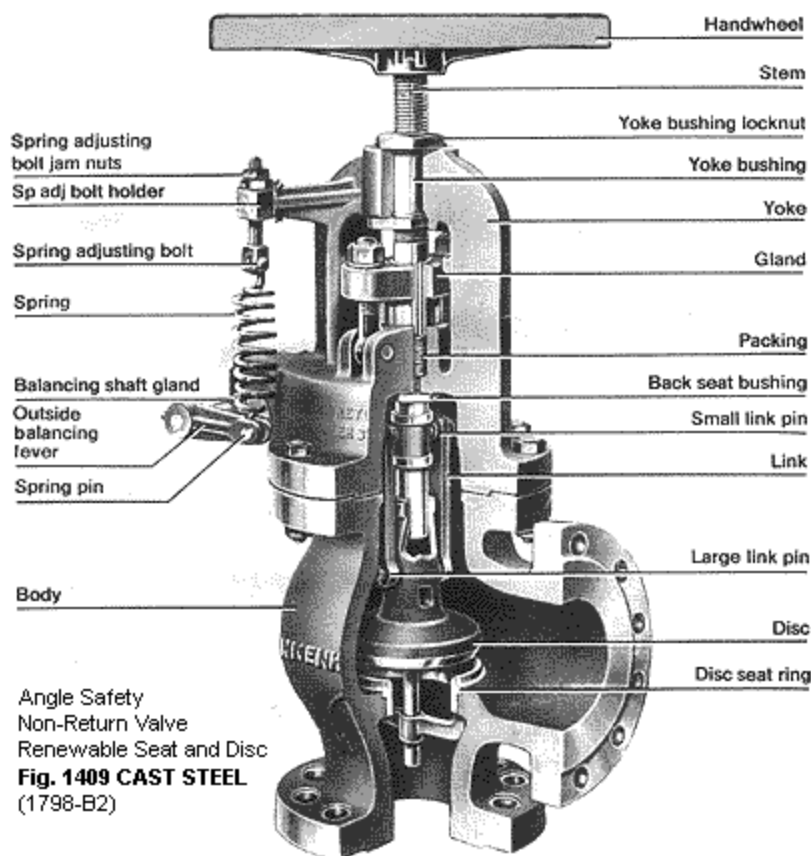


Non-Return Valves

Class 300 **Cast Steel**



Dimensions in inches / Weights in pounds

Size	3	4	6	8
B	12½	14	17½	21
D	6¼	7	8¾	10½
E	19	22 ⁵ / ₁₆	27 ³ / ₈	35½
F	18 ⁷ / ₈	22 ¹ / ₁₆	27¼	34 ¹⁵ / ₁₆
H	10	14	18	22
Fig 1409, Wts (Angle)	136	226	413	782



Lunkenheimer non-return valves cut out a boiler automatically when inside pressure drops suddenly or when heat is withdrawn. External spring is reversed and valve acts as a spring-loaded stop-check valve.

Spring may be adjusted from the outside while valve is under pressure to compensate for excessive steam pulsations. Valves may be installed in either vertical or horizontal position.

Bodies and bonnets A216 WCB, Cast Steel

Trim A216 WCB, 410 St. St.

Seating surfaces A216 WCB 13CR with facing

Installation note Connection should be made directly to boiler outlet nozzle. Intervening pipe should be kept as short as possible.

Normally shipped with external spring positioned for vertical installation. The external spring should be reversed when the valve is installed with the stem horizontal.

Complete Information for installation and operation is attached to valve when shipped.

Principal Parts and Materials

Part	Material	ASTM
Body	Cast Steel	A216-WCB
Yoke	Cast Steel	A216-WCB
Disc	Cast Steel W/13 CR Facing	A216-WCB
Stem	St. St.	A 182 F6
Seat Ring	Cast Steel W/13 CR Facing	A216-WCB
Spring	Carbon Steel	A 129
Gasket	Soft Iron	
Balancing Shaft Cap & Hub	Graphite	D1457
Gasket & Packing		
Stem Packing	Braided Graphite	

For other Lunkenheimer "LQ" Valves, refer to Lunkenheimer Catalogs for Bronze Valves, Iron Valves, Cast Steel Valves, Specialties.

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