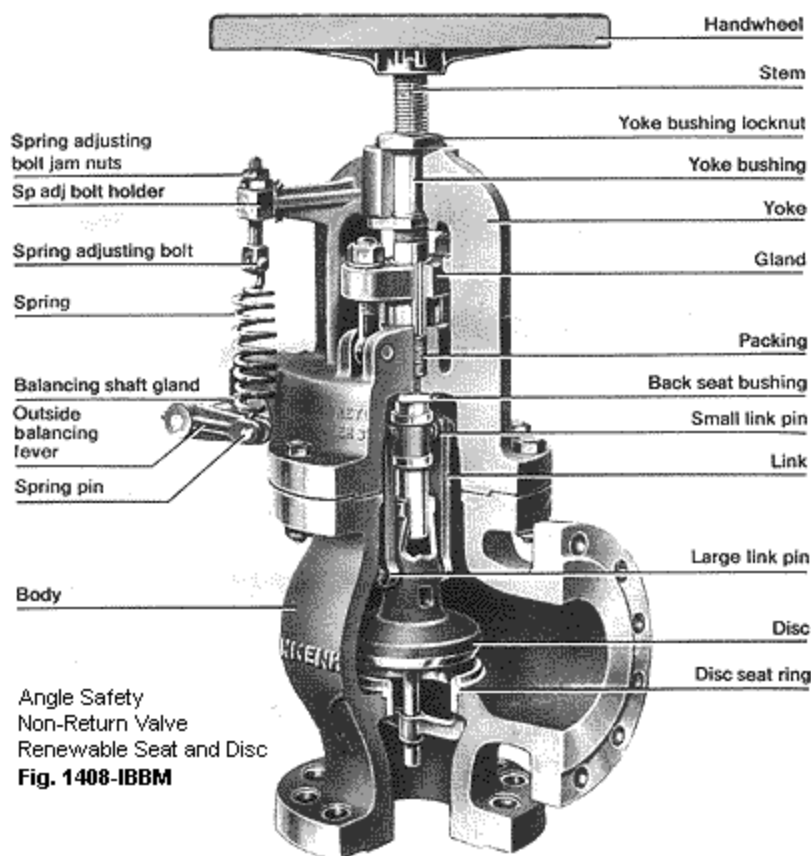




## Non-Return Valves

250 lb SP  
450°F

Cast Iron



### Dimensions in inches / Weights in pounds

Size	3	4	6	8
B	12½	14	17½	21
D	6¼	7	8¾	10½
E	19	22 <sup>9</sup> / <sub>16</sub>	27 <sup>3</sup> / <sub>8</sub>	35½
F	18 <sup>7</sup> / <sub>8</sub>	22 <sup>1</sup> / <sub>16</sub>	27¼	34 <sup>15</sup> / <sub>16</sub>
H	10	14	18	22
Fig 1408,Wts (Angle)	128	212	388	734



Lunkenheimer non-return valves cut out a boiler automatically when inside pressure drops suddenly or when heat is withdrawn.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 & bonnets** Cast iron, ASTM A-126

**Trim** Seat, disc, back seat bushing and yoke bushing is S1 steam bronze, ASTM B-61.

**Seating surfaces** Re grindable. Seat disc and all other parts renewable.

**Installation note** Connection should be made directly to the 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	Fig/Sizes	Material	ASTM
Body	All	Cast Iron	A 126
Yoke	All	Cast Iron	A 126
Disc	3-6 8"	Bronze Iron-Bronze Disc ring	B 61 A 126 and B 61
Stem	3 to 6 8"	Stemalloy-UNS Alloy C69700 Stainless Steel	B 71 AISI 410
Seat Ring	All	Bronze	B 61
Spring	All	Carbon Steel	A 129
Gasket	All	Corrugated Copper	-
Balancing Shaft Cap & Hub	All	Teflon-Virgin	D1457
Gasket			
Balancing All Shaft Tec- Ring	All	Carbon/ Graphite Virgin Teflon	-
Stem	All	Non-	-
Packing		Asbestos	

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

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