



Forged Steel Class 800 Swing Check Valve

- End Connections: BSP, NPT, Socket Weld
- Sizes from ½" to 2"
- Pressure Rating Class 800
- Body A105N
- Pressure up to 138 Bar
- Temperature -29°C to 425°C

> Description

Forged Steel Swing Check Valves consist of a flap or disc of the same diameter of the bore of the pipe. This disc hangs down into the flow path. When the flow is allowed to flow it pushes the disc which is hinged upwards. Reverse flow will cause the disc to shut and stop the flow returning. Therefore they are used for the prevention of back flow in horizontal pipelines, which ensures the protection of items of equipment that can be affected by reverse flow. Supplied with Bolted Bonnet and 13% CR + HFS No. 6 Trim.

API 602 and tested to API 598
Rated Class 800

Used on steam systems and for the isolation of fluids including Air, Gas, Oil, Water and Steam.

- Condensate lines
- Process lines
- Hot and cold water systems
- Heating systems
- Thermal oil systems



Description

Forged Steel Class 800 Bolted bonnet swing check valve. Supplied either screwed BSPP, NPT or Socket Weld. Handwheel operated. Suitable for applications where steam, gases and liquids are used.



Beschreibung

Geschmiedeter Stahl Klasse 800
Kolbenrückschlagventil mit verschraubter Haube. Geliefert entweder verschraubt BSPP, NPT oder Socket Weld. Handrad betrieben. Geeignet für Anwendungen, bei denen Dampf, Gase und Flüssigkeiten verwendet werden.



Descripción

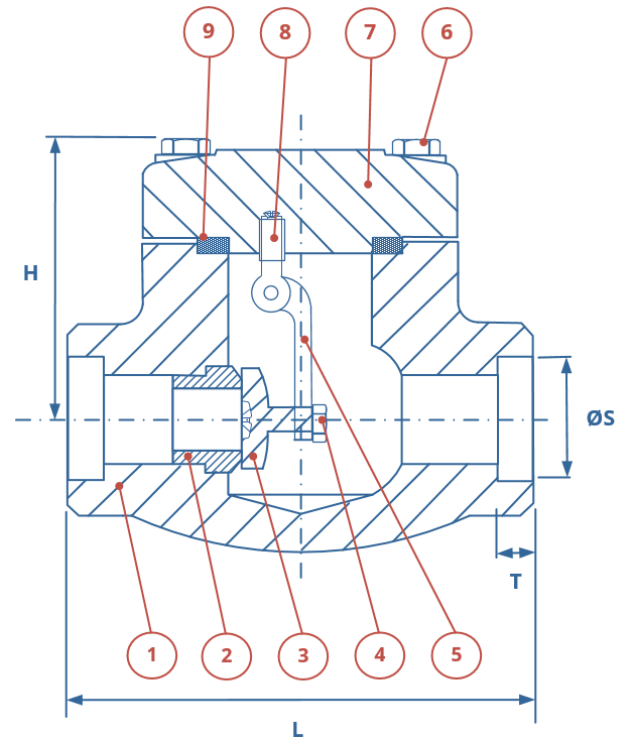
Válvula de retención de pistón de bonete atornillado Clase 800 de acero forjado. Se suministra con rosca BSPP, NPT o soldadura por encastre. Volante operado. Adecuado para aplicaciones donde se utilizan vapor, gases y líquidos.



Description

Clapet anti-retour à piston à chapeau boulonné en acier forgé classe 800. Fourni soit vissé BSPP, NPT ou Socket Weld. Volant actionné. Convient aux applications où la vapeur, les gaz et les liquides sont utilisés.

- End Connections: BSP, NPT and Socket Weld
- Sizes from 1/2" to 2"
- Pressure Rating Class 800
- Body A105N
- Pressure up to 138 Bar
- Temperature -29°C to 425°C



Material Specification

Part No.	Material	Specification
1	Bonnet Bolt	A193 B7
2	Nameplate	Aluminium
3	Spring	SS 3AISI 316
4	Gasket	SS 314 + Graphite
5	Bonnet	ASTM A105N
6	Piston	13 CR
7	Body	ASTM A105N
8	Seat	13CR + HF

Dimensions

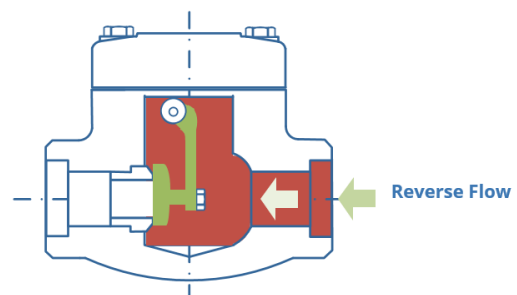
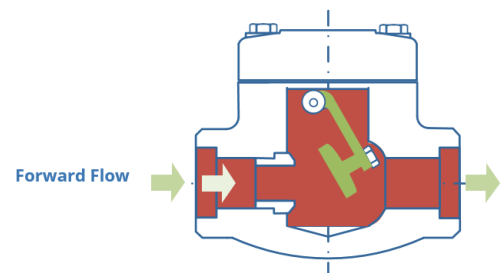
Size	A	B	C	Kg
1/2"	79	61	10	1.1
3/4"	92	70	13	1.8
1"	111	77	18	2.6
1 1/2"	120	101	30	5.5
2"	140	120	35	8.4

Standards

Design	API 602
Screwed Ends	ANSI B1.20.1
Socket Weld Ends	ANSI B16.11
Testing	API 598
P/T Rating	ANSI B16.34

Testing

Shell Test - Hydrostatic	20.5
Seal Test - Hydrostatic	15
Seal Test - Pneumatic (Air)	0.6



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