

CHECK VALVE

2340

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Features

- The disc hinged inside the body is placed within the flow section.
- Manufactured from forged steel material and has a high pressure resistance.
- With the start of movement at defined flow direction on the system, the disc leaves the flow section by turning in its axis and allows the flow pass.
- When the flow stops, the disc sits on the machined sealing seat through its own weight and maintains %100 tight sealing.
- Has cast steel body and disc, sealing surfaces are manufactured from brass or stainless steel.
- The disc fixed inside the body in located on the flow axis.
- Can be installed in either vertical (upward flow only) or horizontal (cover upright) applications.
- Head loss is lower compared to other type of check valves.
- Designed and manufactured according to ANSI standard.
- Zero stem leakage eliminates media loss and satisfies environmental regulations.
- Effective for energy savings. Energy loss due to leakage is controlled, helping to prevent global warming and protecting the environment.

Temperature

- -30 °C, +200 °C

PRODUCTION STANDARDS

DN15 → DN50
CLASS 900/1500

Design	BS 5351 / ASME B16.34
Connection	ASME B1.20.1 / ASME B16.11 / ASME B16.25
Face to Face	API 6D / ASME B16.10
Tests	API 598
Corrosion Protection	Industrial Epoxy

Product Description

FAF2340 Forged Check Valve, while allowing the flow moving to the desired flow direction, stops the flow when exposed to back flow.

Versions

- Standard version with cast iron wedge
- Custom production for specific orders

Scope of Application

- Steam
- HVAC
- Hot & cold water
- Chemicals
- Lubricants
- Oil&Gas
- Pressurized air
- Natural gas

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Technical Details & Drawing, Dimensions

MATERIAL SELECTION

Body ASTM A-105 Forged Steel
1.4301 - AISI 304 Stainless Steel
1.4401 - AISI 316 Stainless Steel

Disc ASTM A-105 Forged Steel
1.4301 - AISI 304 Stainless Steel
1.4401 - AISI 316 Stainless Steel

Sealing MS 58 Brass

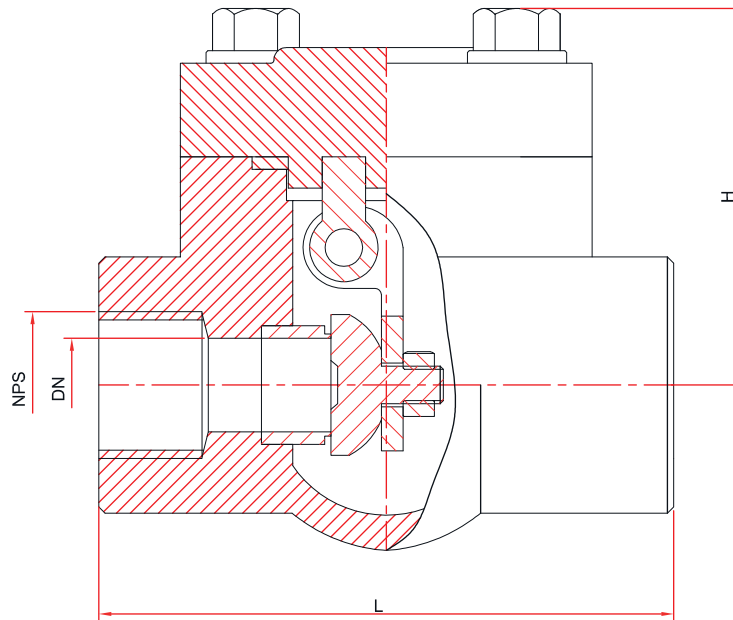
VALVE TEST PRESSURE (Bar)

MAX. OPERATING PRESSURE	BODY / SHELL TEST	SEAT TEST
CLASS 900 (PN 150)	225	165
CLASS 1500 (PN 260)	390	286

100% of the valves are subjected to hydrostatic tests at FAF facilities.

Note

- For proper use and safety precautions please follow the installation and operating instructions.



CLASS 800					CLASS 800				
NPS	DIMENSION		RATINGS		DIMENSION		RATINGS		
INC	L	H	KV m ³ /h	Weight Kg	L	H	KV m ³ /h	Weight Kg	
1/2	79	61	15	1,2	111	79	10	3	
3/4	92	61	20	1,4	111	79	20	3,4	
1	111	78	30	2,3	120	97	25	4,8	
1 1/4	120	84	45	3,9	152	104	40	6,9	
1 1/2	152	103	60	5,6	172	120	55	10,7	
2	172	118	70	8,9	220	139	60	14,6	