

Forged Check Valves

Fig. R800 Class 800

Size 1/2" - 2" (DN 15 - 50)



FIG. R800

CHECK VALVE

BS5352, MSS SP 118 & ASME B16.34

Connections according to:

ANSI B 1.20.1 (NPT)

ANSI B 16.11 (SW)

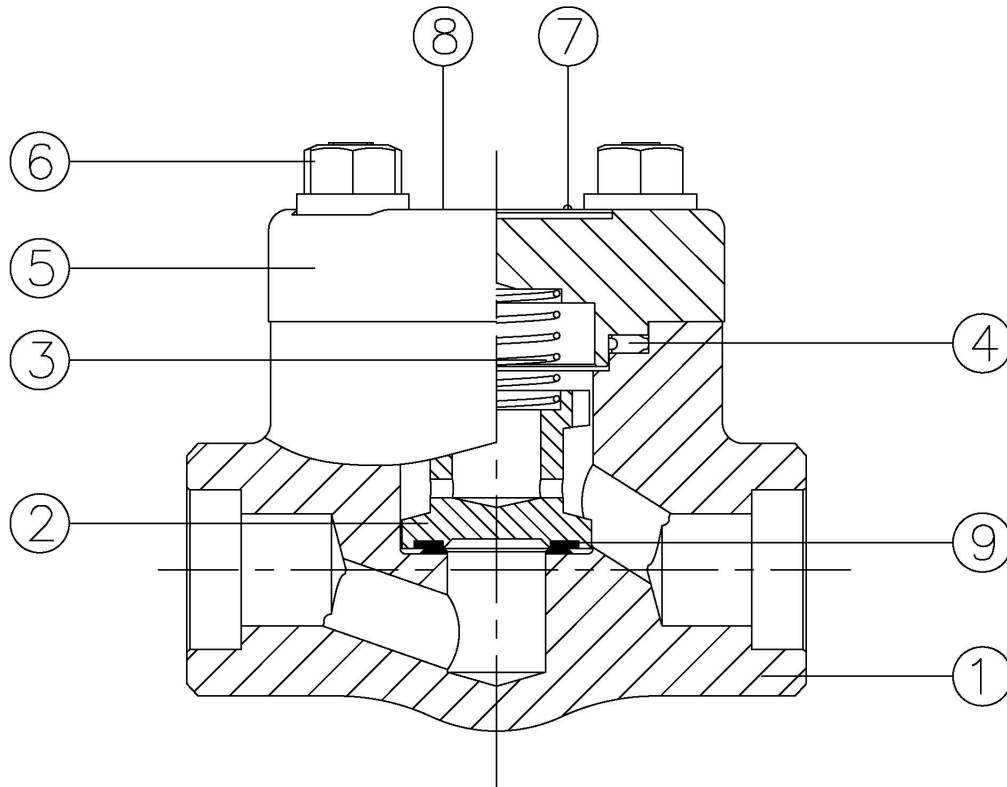


Forged Check Valves

Fig. R800 Class 800

Parts and Materials

Parts and materials

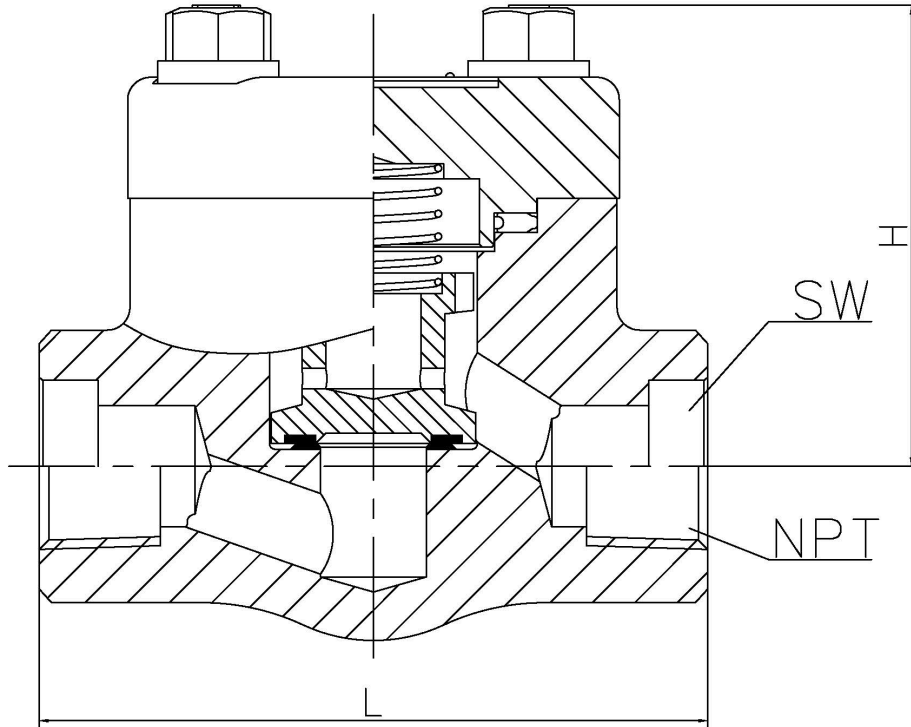


Item	Description	Material	
		Carbon Steel	Stainless Steel
1	Body	A 105N	A 182 F316L
2	Piston disc	A276 410 + STL	A 182 F316
3	Spring	INCONEL X-750	
4	Gasket	AISI 316 + Graphite	AISI 316 + Graphite
5	Bonnet	A 105N	A 182 F316L
6	Bolt	A 193 B7M	A 193 B8M
7	Ribet	A 182 F304	A 182 F316
8	Nameplate	Aluminium	
9	Seat	A 105N + STL	A 182 F316L + STL

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Fig. R800 Class 800

Dimensions



Dimensions

SIZE	L	NPT	H	Weight
½" (DN 15)	79	½"	58	1,4
¾" (DN 20)	92	¾"	58	1,5
1" (DN 25)	111	1"	75	2,7
1¼" (DN 32)	120	1¼"	85	3,9
1½" (DN 40)	152	1½"	97	5,3
2" (DN 50)	172	2"	108	7,8

(*) Dimensions in mm and weight in kg.

Note:

Dimensions not subject to International Standards can vary in $\pm 10\%$. ICP reserves the right to change those dimensions without notice, due to they do not affect integrity and performance of the valves.

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Fig. R800 Class 800

General Characteristics, KV, P&T Rating

GENERAL CHARACTERISTICS	Forged Check Valve	Fig. R800		
DESIGN STANDARDS				
Valves design	BS 5352	MSS SP 118	ASME B 16.34	
Connections	ANSI B 1.20.1	ANSI B 16.11		
Face to face dimensions	Manufacturer's standard			
TESTS AND CERTIFICATES	API 598			
Quality Assurance	ISO 9001			
Pressure testing	EN 12266-1			
Marking	EN 19			

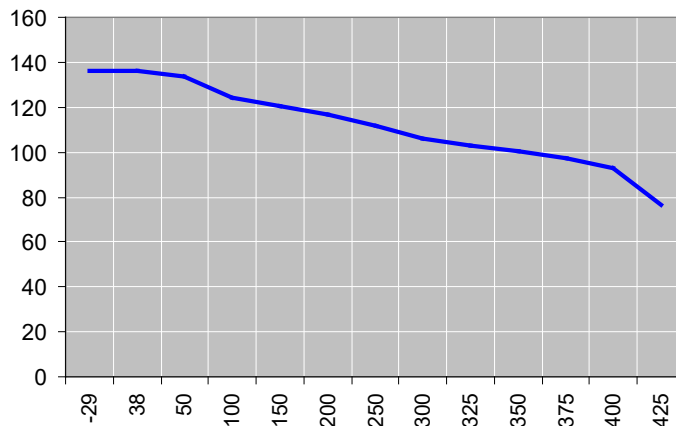
Kv Values in m3/h

VALVE SIZE	Kv	VALVE SIZE	Kv
½" (DN 15)	1,9	1¼" (DN 32)	11,7
¾" (DN 20)	4,2	1½" (DN 40)	17,3
1" (DN 25)	6,2	2" (DN 50)	28,9

Pres

ASTM A105

P Bar



MATERIAL

— A 105
— A 182 F316L

P Bar

