



JC[®] Forged Check Valves
Fig. R800 Class 800
Size ½" – 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)



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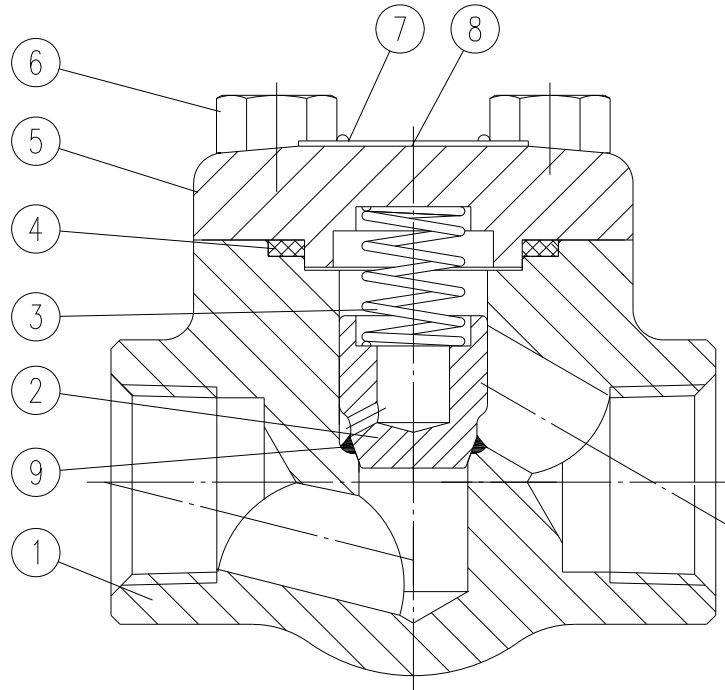


JC[®] Forged Check Valves

Fig. R800 Class 800

Parts and Materials

Parts and materials



Item	Description	Material	
		Carbon Steel	Stainless Steel
1	Body	A 105	A 182 F316L
2	Piston disc	A 276 420	A 182 F316L
3	Spring	17-4 PH	
4	Gasket	AISI 304 + Graphite	AISI 316 + Graphite
5	Bonnet	A 105	A 182 F316L
6	Bolt	A 193 B7	A 193 B8M
7	Ribet	A 182 F304	A 182 F316
8	Nameplate	Aluminium	
9	Seat	A 105 + STL	A 182 F316L + STL

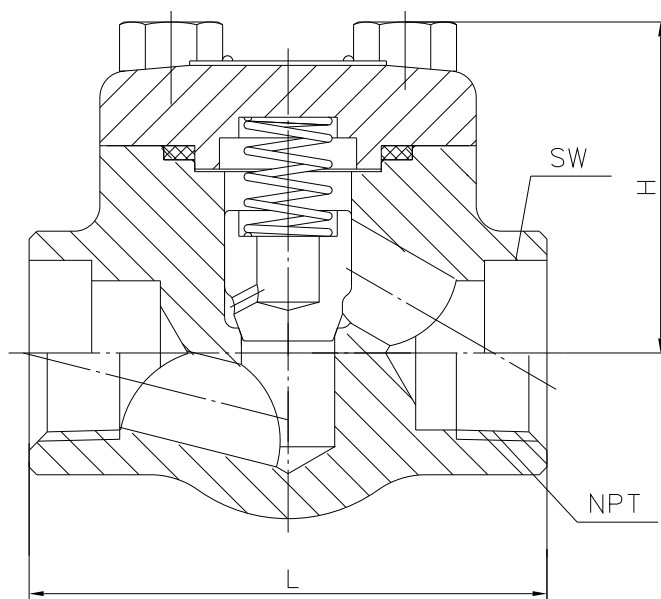
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Fig. R800 Class 800

Dimensions



Dimensions

SIZE	L	NPT	H	Weight
½" (DN 15)	79	½"	51	1,6
¾" (DN 20)	92	¾"	55	1,8
1" (DN 25)	111	1"	68	3,2
1¼" (DN 32)	152	1¼"	97	5,1
1½" (DN 40)	152	1½"	97	6,2
2" (DN 50)	172	2"	103	10,2

(*) Dimensions in mm and weight in kg.

Note:

Dimensions not subject to International Standards can vary in $\pm 10\%$. JC 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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Forged Check Valves

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				
Quality Assurance	API 598			
Pressure testing	ISO 9001			
Pressure testing	EN 12266-1			
Marking	EN 19			

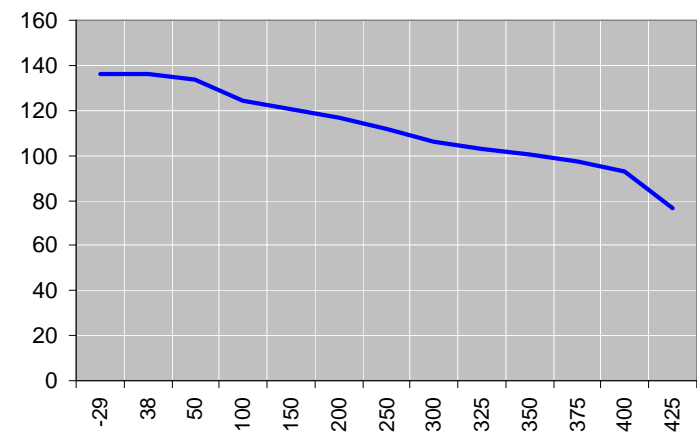
Kv Values in m3/h

VALVE SIZE	Kv	VALVE SIZE	Kv
½" (DN 15)	22,3	1¼" (DN 32)	642,7
¾" (DN 20)	42,8	1½" (DN 40)	1114
1" (DN 25)	80,5	2" (DN 50)	1970

Pres

ASTM A105

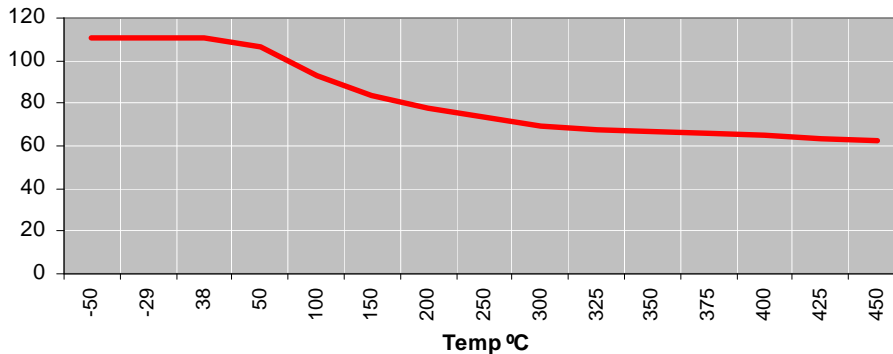
P Bar



MATERIAL

- A 105
- A 182 F316L

P Bar



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