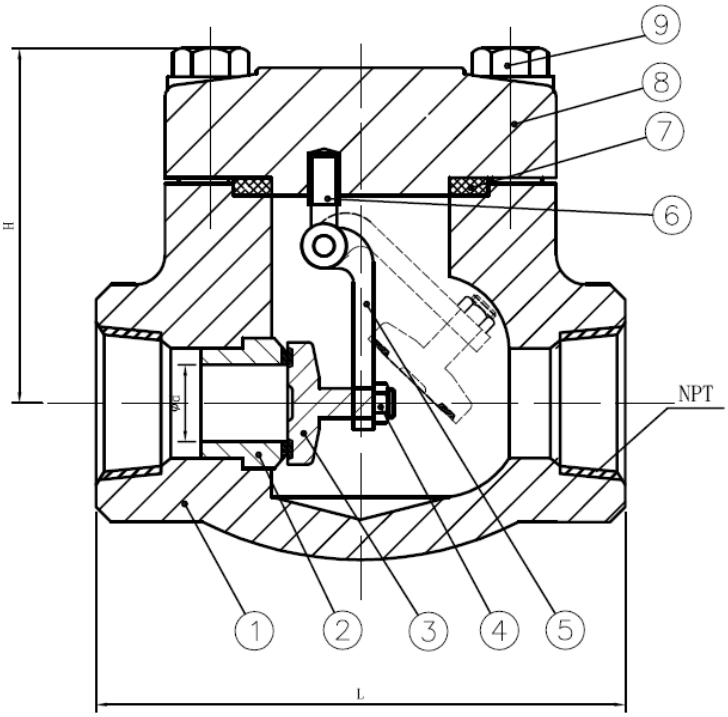
520FC Forged Swing Check Valves • Spec Sheet

THREADED

FEATURES & BENEFITS

- Forged Carbon Steel Swing Check Valve
- Class 800
- Reduced Port
- ASTM A105
- ASME B16.34
- Maximum Pressure 1975 PSI @100° F
- Maximum Temperature 850°F @ 850 PSI
- Bolted Bonnet
- API 602 / API 598
- NACE MR0175
- Threads ASME B1.20.1 NPT
- Sizes 1/2” - 2”



MATERIAL SPECIFICATIONS

No.	Part	Material
1	Body	A105
2	Seat	A276 410
3	Disc	A276 420+STL
4	Nut	A194 8
5	Arm	A182 F304
6	Bolt	ASTM A193 B8
7	Gasket	SS304+Graphite
8	Bonnet	ASTM A105
9	Bolt	ASTM A193 B7

DIMENSIONS

Part #	Size	Ød	L	H	CV
520FCT03	1/2”	0.41	3.11	2.44	18
520FCT04	3/4”	0.51	3.62	2.48	32
520FCT05	1”	0.71	4.37	2.76	54
520FCT06	1-1/4”	0.95	4.73	3.35	79
520FCT07	1-1/2”	1.14	4.73	3.62	135
520FCT08	2”	1.44	5.52	3.98	230

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SOCKET WELD

FEATURES & BENEFITS

- Forged Carbon Steel Swing Check Valve
- Class 800
- Reduced Port
- ASTM A105
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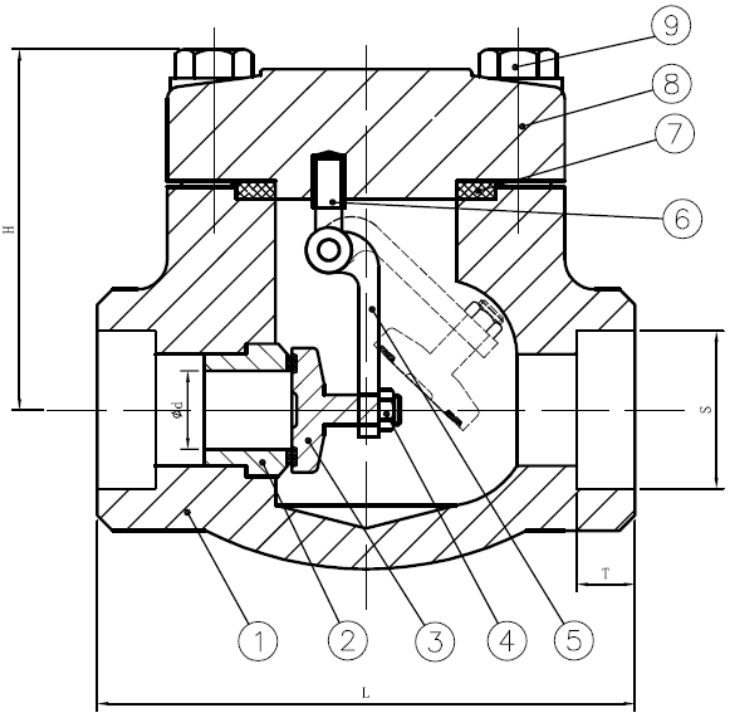

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DIMENSIONS

Part #	Size	Ød	L	H	S	T	CV
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520FCW04	3/4”	0.51	3.62	2.48	1.07	0.51	32
520FCW05	1”	0.71	4.37	2.76	1.34	0.51	54
520FCW06	1-1/4”	0.95	4.73	3.35	1.68	0.51	79
520FCW07	1-1/2”	1.14	4.73	3.62	1.92	0.51	135
520FCW08	2”	1.44	5.52	3.98	2.41	0.63	230

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