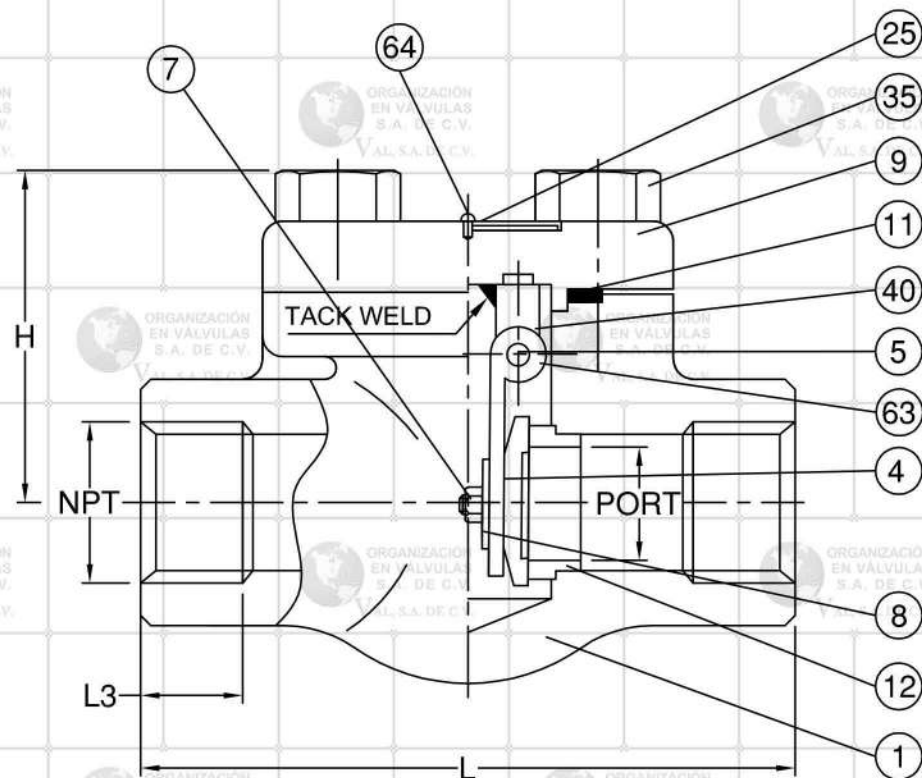


MATERIALS LIST



NO.	NAME	MATERIAL
1	BODY	ASTM A182 Gr.F316L
4	DISC	ASTM A182 Gr.F316L+STL#6
5	HINGE PIN	ASTM A276 Gr.316L
7	DISC NUT	ASTM A194 Gr.8MA
8	DISC WASHER	STAINLESS STEEL
9	BONNET	ASTM A182 Gr.F316L
11	BODY SEAL	SPW 316L+GRAPHITE
12	SEAT RING	ASTM A276 Gr.316L+STL#6
25	NAMEPLATE	SS304
35	BODY BOLT	ASTM A193 Gr.B8MA
40	PONTLEVIS	ASTM A276 Gr.316L
63	HINGE	ASTM A276 Gr.316L
64	RIVET	COPPER

APPLICABLE STANDARDS:

Swing Check Valve:API 602,NACE MR 01-75
 Shell Wall Thickness:API 602
 Flow passageway:API 602
 Thread:ASME B1.20.1
 Test Inspection Per API 598
 Shell (by Water): 2400 Psig (166 Bar)
 Seat (by Water): 1775 Psig (123 Bar)

DIMENSIONS

unit:inch

SIZE	PORT	L	L3	H	NPT	Weight(lbs)	CV(GPM)	cracking pressure(PSI)	
DN8	1/4"	0.24	3.11	0.37	2.32	1/4"	2.6	1	0.435
DN10	3/8"	0.24	3.11	0.41	2.32	3/8"	2.6	1	0.435
DN15	1/2"	0.39	3.11	0.54	2.32	1/2"	2.6	1	0.435
DN20	3/4"	0.53	3.62	0.55	2.32	3/4"	3.0	2.8	0.435
DN25	1"	0.69	4.37	0.69	3.03	1"	5.2	6	0.435
DN32	1-1/4"	0.91	4.65	0.72	3.11	1-1/4"	7.2	9.5	0.435
DN40	1-1/2"	1.14	4.65	0.72	3.74	1-1/2"	7.5	11	0.58
DN50	2"	1.44	5.20	0.76	4.17	2"	10.6	18	0.725



	APPROVED BY.	CHECK BY.	DRAWN BY.	DRAWINGNO.	MATERIAL	UNIT	DESCRIPTION
SIGN	AMOS CHEN	XIAOFENG JIN	HUIJIAN XIANG	WARREN-803HF-T	MATERIALS LIST	inch	FORGED STEEL SWING CHECK VALVES, THREADED END, ANSI CLASS 800
DATE	11/24/2014	11/24/2014	11/24/2014	REVISION 02	SCALE	FREE	