



THREADED & SOCKET WELDED SWING CHECK VALVES

Warren Valve is a pioneer in the check valve market. Warren's manufacturing capabilities for Forged check valves includes 1/4"-2", ANSI 150#-1500#. Materials of construction include Carbon Steel, Stainless Steel, Alloy 20, and other exotic materials.

Our comprehensive evaluation includes on-site audits, inspection at the source, receiving inspections, and destructive material testing. Mill test reports are always available.

MATERIAL A105N

CLASS	FIGURE NUMBER
800#	853
1500#	1553

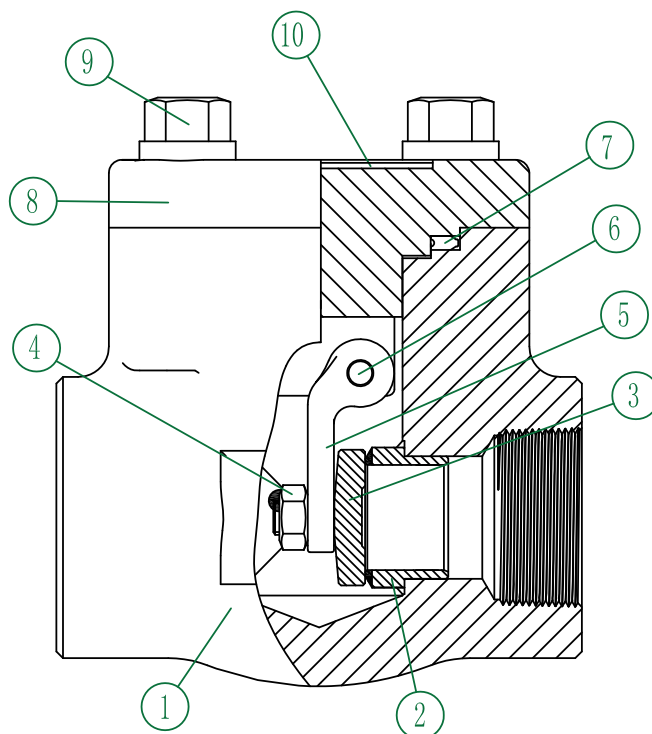
MATERIAL A182 - F316

CLASS	FIGURE NUMBER
800#	803
1500#	1503

PRODUCT OVERVIEW

SIZE RANGE	1/4" -2"
MATERIAL GRADES	A105N, F316, F316L, A20, Hastelloy C, and other exotic materials
TRIM MATERIALS	Trim 5, 8, 12, 16, & Special Materials
DESIGN	Metal-Seated-Design
BONNET DESIGN	Bolted Bonnet & Welded Bonnet
DISC	Strong one-piece construction to withstand the severe shock of check valve service
GASKET MATERIAL	Graphite and PTFE
END CONFIGURATIONS	Threaded, Socket Weld, & Threaded X Socket Weld
FEATURES	NACE Compliant, Graphite Gasket

ANSI CLASS 800 - 1500



A105N MATERIAL LIST

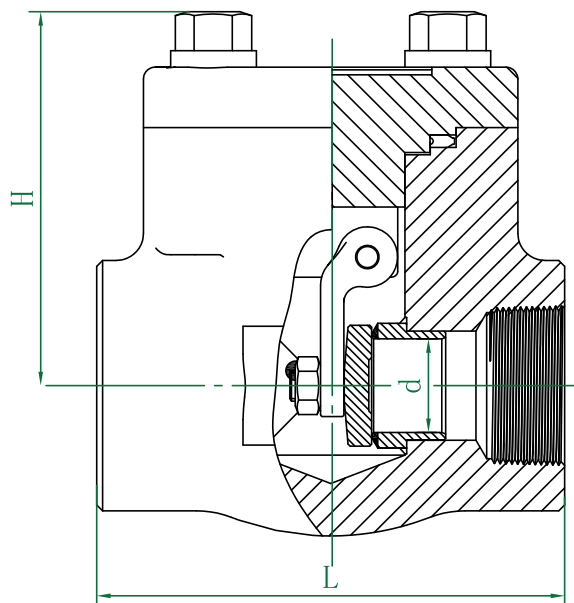
NO.	NAME PARTS	MATERIALS
1	BODY	ASTM A105N
2	SEAT RING	ASTM A276 410+STL
3	DISC	ASTM A182 F6a
4	DISC NUT	ASTM A194 8MA
5	ROCKER	ASTM A351 CF8M
6	PIN	ASTM A276 316
7	GASKET	304+GRAPHITE
8	BONNET	ASTM A105N
9	BONNET BOLT	ASTM A193 B7M
10	NAMEPLATE	304 SS

A182 - F316 MATERIAL LIST

NO.	NAME PARTS	MATERIALS
1	BODY	ASTM A182 F316L
2	SEAT RING	ASTM A276 316L+STL
3	DISC	ASTM A276 316L+STL
4	DISC NUT	ASTM A194 8MA
5	ROCKER	ASTM A351 CF8M
6	PIN	ASTM A276 316
7	GASKET	316L+GRAPHITE
8	BONNET	ASTM A182 F316L
9	BONNET BOLT	ASTM A193 B8MA
10	NAMEPLATE	304 SS

OTHER BODY AND TRIM MATERIALS AVAILABLE.

Please contact Warren Valve or your Warren Valve representative for more details.

ANSI CLASS 800 - 1500FIGURE NUMBERS **853 & 803**

SIZE	Dimensions (in inches)					WGT (LB)	CV
	L±0.06	d±0.02	D +0.02/0	L1±0.02	H±0.20		
1/4"	3.11	φ0.30	φ0.56	0.39	2.28	3.1	1.8
3/8"	3.11	φ0.39	φ0.69	0.39	2.28	3.1	2.0
1/2"	3.11	φ0.51	φ0.86	0.39	2.28	2.9	2.2
3/4"	3.62	φ0.51	φ1.07	0.51	2.28	3.3	4.9
1"	4.37	φ0.71	φ1.33	0.51	2.95	6.0	7.2
1-1/4"	4.72	φ0.94	φ1.68	0.51	3.27	8.2	13.5
1-1/2"	4.72	φ1.14	φ1.92	0.51	3.70	9.7	20.0
2"	5.51	φ1.44	φ2.41	0.65	4.21	14.3	33.5

FIGURE NUMBERS **1153 & 1503**

SIZE	Dimensions (in inches)					WGT (LB)	CV
	L±0.06	d±0.02	D +0.02/0	L1±0.02	H±0.20		
1/4"	3.11	φ0.30	φ0.56	0.39	2.28	3.1	1.8
3/8"	3.11	φ0.39	φ0.69	0.39	2.28	3.1	2.0
1/2"	4.37	φ0.51	φ0.86	0.39	2.95	6.4	2.2
3/4"	4.37	φ0.51	φ1.07	0.51	2.95	6.4	4.2
1"	4.72	φ0.71	φ1.33	0.51	3.27	9.0	5.6
1-1/4"	4.72	φ0.94	φ1.68	0.51	3.70	10.6	12.5
1-1/2"	5.51	φ1.14	φ1.92	0.51	4.21	16.1	18.5
2"	6.30	φ1.44	φ2.41	0.65	5.12	26.7	29.5