

SHANGHAI CIPHY INDUSTRY CO.,LTD.

API602 CLASS800/1500 FOR FORGED CARBON STEEL OR STAINLESS STEEL SWING CHECK VALVE BOLTED BONNET DESIGN

MODEL NO: FCAXTH-SW



SWING CHECK VALVE PRODUCT'S SIZE:

PRESSURE GRADE	FROM	TO
CLASS 800	1/2"	2"
CLASS 1500	1/2"	2"

DESIGN DESCRIPTION:

- * Swing TYPE;
- * BOLTED COVER;
- * OPTIONAL: WELD COVER;
- * CONNECTRION: THREADED END, SOCKETED END
- * THREAD TYPE(NPT, BSPT, DIN ENDS)
- * MATERIAL: A105, F304, F316, F11, F22, F304L, F316L

WORKING PRESSURE AND TEMPERATURE:

WORKING TEMPERATURE		
MATERIAL	CELSIUR SCALE	FAHRENHEIT
CARBON STEEL	-290C~4250C	60F~8220F
STAINLESS STEEL	-400C~5500C	150F~10470F

GENERAL DESIGN SPECIFICATIONS:

ITEM	CLASS 800/1500
MANUFACTURE	API 602
PRESSURE-TEMPERATURE RATINGS	ANSI B16.34
END TO END	B16.10
INSPECTION AND TEST	API 598

TEST PRESSURE TO API 598:

ANSI	SHELL (WATER)		SEAT (WATER)		SEAT (AIR)	
CLASS 800	21MPA	3000PSI	15.4MPA	2200PSI	0.6MPA	80PSI
CLASS 1500	38.7MPA	5500PSI	28.1MPA	4000PSI	0.6MPA	80PSI

TRIMS SPECITIED DUE TO TABLE 3:

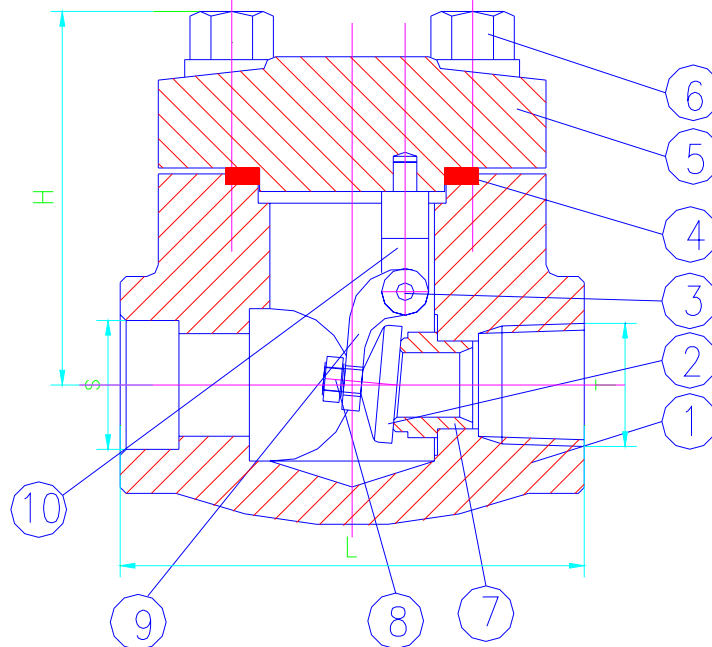
DISC SEAT SURFACE PART NO.2	BODY SEAT SURFACE PART No.7	PIN PART No.3
F6	F6	F6
STELLITE	STELILITE	F6
F6	STELILITE	F6
F304	F304	F304
F316	F316	F316

OTHER MATERIALS ARE AVAILABLE UPON REQUEST.

PARTS AND MATERIAL (ASTM):

NO.	PARTS NAME	MATERIALS		
1	BODY	ASTM A105	ASTM F304	ASTM F316
4	GASKET	GRAPHITE+304		GRAPHITE+316
5	CAP	ASTM A105	ASTM F304	ASTM F316
6	CAP BLOT	ASTM A193 B7	ASTM A193 B8	
8	DISC NUT	ASTM A193 B7	ASTM A193 B8	
9	SWING ARM	ASTM A105	ASTM F304	ASTM F316
10	SWING ARM HOLD	ASTM A105	ASTM F304	ASTM F316

OTHER MATERIALS ARE AVAILABLE UPON REQUEST.



DIMENSIONS LIST-PN40(UNIT:MM):

CLASS 800

DN		SIZE		D	H	L	WT (KG)
STD	FULL	STD	FULL				
15	10	1/2"	3/8"	10	61	79	1.2
20	15	3/4"	1/2"	13	61	92	1.4
25	20	1"	3/4"	17.5	78	111	2.3
32	25	1-1/4"	1"	23	84	120	3.9
40	32	1-1/2"	1-1/4"	30	103	120	5.6
50	40	2"	1-1/2"	35	118	140	8.9
	50		2"	46	132	178	12.5

CLASS 1500

DN		SIZE		D	H	L	WT (KG)
STD	FULL	STD	FULL				
15	10	1/2"	3/8"	10	41	111	2.1
20	15	3/4"	1/2"	13	68	111	2.3
25	20	1"	3/4"	17	81	130	3.6
32	25	1-1/4"	1"	23	101	152	7.9
40	32	1-1/2"	1-1/4"	30	108	172	9.8
50	40	2"	1-1/2"	38	108	220	9.8

Notice: STD IS STANDARD PORT; FULL IS FULL PORT.

*** We hereby reserve the rights of any alternative dimension that would help to improve our valve's quality and working efficiency**



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