

# SWING TYPE CHECK VALVE (NRV)

Flange end  
horizontal &  
Vertical Application



**Technical Data :**

**CONSTRUCTION** : SWING TYPE DISC, RENEWABLE  
SEATRING AND BOLTED COVER OF  
SWING CHECK VALVE

**DESIGN & MFG. CODE** : BS 1868 / API 6D

**INSPECTION & TESTING** : API 598 / BS 6755 PART 1

**FACE TO FACE** : ASME B 16.10

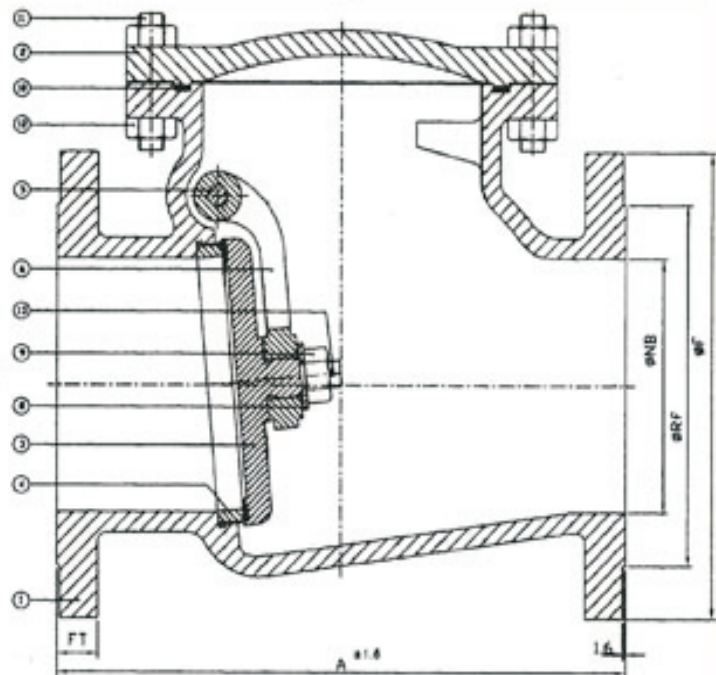
**END CONNECTION** : ANSI B 16.5 R/F CONC. SERRATED

**BILL OF MATERIAL**

Sr.	PART NAME	MATERIALS
1	BODY	ASTM A 216 Gr. WCB
2	COVER	ASTM A 216 Gr. WCB
3	DISC	AISI 410 / WCB + 13% Cr. FACING
4	SEATRING	AISI 410 / WCB+13% Cr. FACING
5	HINGE PIN	AISI 410
6	HINGE	ASTM A 216 Gr. WCB
7	PLUG (NOT SHOWN)	AISI 410
8	DISC WASHER	AISI 410
9	DISC NUT	AISI 410
10	GASKET	CAF/SPIRAL WOUND SS 304+CAF
11	STUD	ASTM A 193 Gr. B7
12	NUT	ASTM A 194 Gr. 2H
13	LOCK PIN	AISI 410

**CLASS 300**

Size	ØNB	A	Ø F	FT	Ø Rf	'P'	Ø 'd'	'N'
25	25	203.2	124	17.5	51	88.9	19	4
40	38	228.6	155.5	20.6	73	114.3	19	4
50	50	266.7	165.1	22.2	92	127	22.2	8
65	63	292.1	190.5	25.4	105	149.4	22.2	8
80	75	317.5	209.5	28.6	127	168.1	22.2	8
100	100	355.6	254	31.8	157	200.1	22.2	8
125	125	400	279.4	35.0	186	235	22.2	8
150	150	444.5	317.5	36.6	216	269.8	22.2	12
200	200	533.4	381	41.2	270	330.2	25.4	12
250	250	622.3	444.5	47.8	324	387.4	28.6	16
300	300	711.2	520.7	50.8	381	450.9	31.8	16



**CLASS 150**

Size	ØNB	A	Ø F	FT	Ø Rf	'P'	Ø 'd'	'N'
25	25	127	108	11.2	51	79.2	16	4
40	38	165	127	14.3	73	98.5	16	4
50	50	203	152.4	15.9	92	120.3	19	4
65	63	216	178	17.5	105	139.7	19	4
80	75	241	190.5	19.1	127	152.4	19	4
100	100	292	228.6	23.9	157	190.5	19	8
125	125	330	254	23.9	186	215.9	22.2	8
150	150	356	279.4	25.4	216	241.3	22.2	8
200	200	495	343	28.6	270	298.5	22.2	8
250	250	622	406.4	30.2	324	362.0	25.4	12
300	300	698.5	482.6	31.8	381	431.8	25.4	12

**HYDROSTATIC TEST PRESSURE**

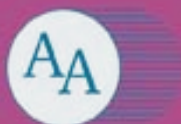
Class	Body	Seat
150	425 PSIG	300 PSIG
300	1100 PSIG	750 PSIG
600	2175 PSIG	1500 PSIG

**AVAILABLE OPTION :**

- Other alloys
- Butt weld end
- ASA 600#, 800#, 900#
- Seat weld

\* All dimensions are in m.m.

"Apex" make



# APEX ASSOCIATES

GH-84, Scheme No.54, Vijay Nagar, Indore - 452010 (M.P.)  
Ph. 0731-4004371, 2557094, 9826647871 Tele Fax. 0731-4004371  
E-mail : apexassociates@rediffmail.com