



FIG.2131F

SWING CHECK VALVE ANSI CLASS 150 FLANGED RF, STAINLESS STEEL CF8M



TECHNICAL SPECIFICATION

SHELL WALL THICKNESS: ASME B16.34
 VALVE DESIGN: API 603
 FLANGE DIMENSIONS: ANSI B16.15
 FACE TO FACE: ANSI B16.10
 UNIVERSAL TRIM 10

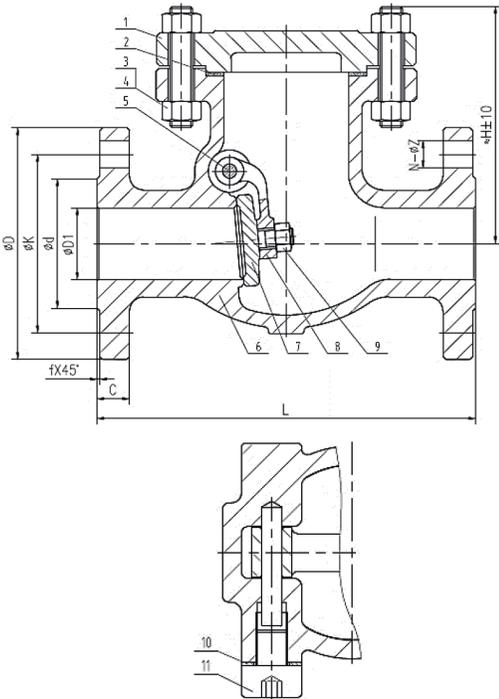
TEST SPECIFICATION

TEST ACCORDANCE TO PER API 598
 NOMINAL PRESSURE: 285 PSI
 SHELL TEST: 425 PSIG
 BACK SEAT & SEAT TEST (WATER): 314 PSIG
 AIR TEST: 87 PSIG

BODY MARK



2
 150
 CF8M



BILL OF MATERIAL LIST

NO.	DESCRIPTION	MATERIAL
1	BONNET	ASTM A-351 Gr. CF8M
2	GASKET	PTFE
3	BONNET NUT	ASTM A-194 Gr. 8
4	BONNET STUD	ASTM A-193 Gr. B8
5	PIN	ASTM A-193 Gr. B8
6	BODY	ASTM A-351 Gr. CF8M
7	DISC	ASTM A-351 GR. CF8M
8	HINGE	ASTM A-351 Gr. CF8M
9	DISC NUT	ASTM A-194 Gr. 8
10	GASKET	PTFE
11	SCREW	ASTM A-193 Gr. B8

DIMENSIONS & WEIGHTS

MODEL	SIZE	PORT	ØD1	Ød	Øk	ØD	C	N-ØZ	L	H	WEIGHT	
2131F-06	1"	DN25	1.00	0.98	2.00	3.13	4.33	0.46	4-0.63	5.00	2.95	2.80
2131F-08	1 1/2"	DN40	1.50	1.57	2.87	3.87	4.92	0.58	4-0.63	6.50	4.13	6.90
2131F-09	2"	DN50	2.00	1.97	3.63	4.75	5.91	0.64	4-0.75	7.99	4.41	10.15
2131F-10	2 1/2"	DN65	2.50	2.56	4.13	5.50	7.09	0.70	4-0.75	8.50	5.12	15.25
2131F-11	3"	DN80	3.00	3.15	5.00	6.00	7.48	0.77	4-0.75	9.49	5.79	19.10
2131F-12	4"	DN100	4.00	3.94	6.19	7.50	9.06	0.96	8-0.75	11.50	6.97	29.85
2131F-14	6"	DN150	6.00	5.91	8.50	9.50	11.02	1.02	8-0.87	14.02	8.23	50.15
2131F-15	8"	DN200	8.00	7.87	10.63	11.75	13.58	1.14	8-0.87	19.49	10.12	86.20
2131F-16	10"	DN250	10.00	9.84	12.75	14.25	15.94	1.20	12-1.00	24.49	11.65	137.50
2131F-17	12"	DN300	12.00	11.81	15.00	17.00	19.10	1.27	12-1.00	27.48	13.50	228.00

*WEIGHT IS ESTIMATED
 *ALL DIMENSIONS ARE EXPRESSED IN INCHES