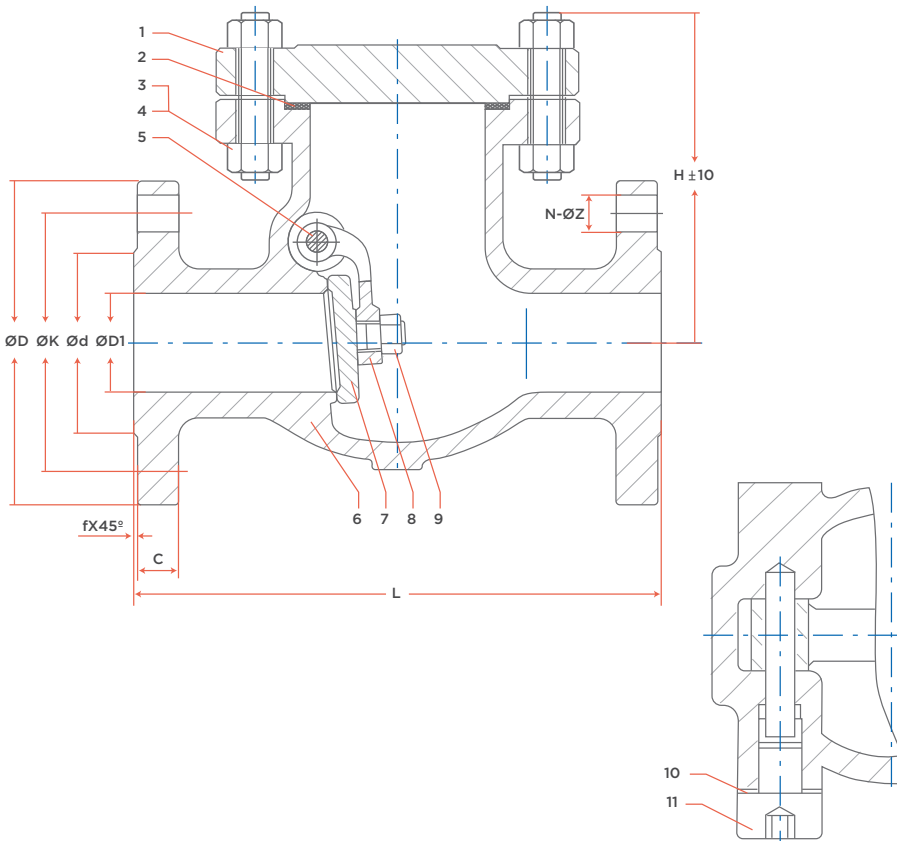




TECHNICAL SPECIFICATION
SHELL WALL THICKNESS: ASME B16.34
VALVE DESIGN: API 603
FLANGE DIMENSIONS: ANSI B16.5
FACE TO FACE: ANSI B16.10
UNIVERSAL TRIM 10
NACE MR-0175

TEST SPECIFICATION
TEST ACCORDANCE TO PER API 598
NOMINAL PRESSURE: 285 PSIG
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

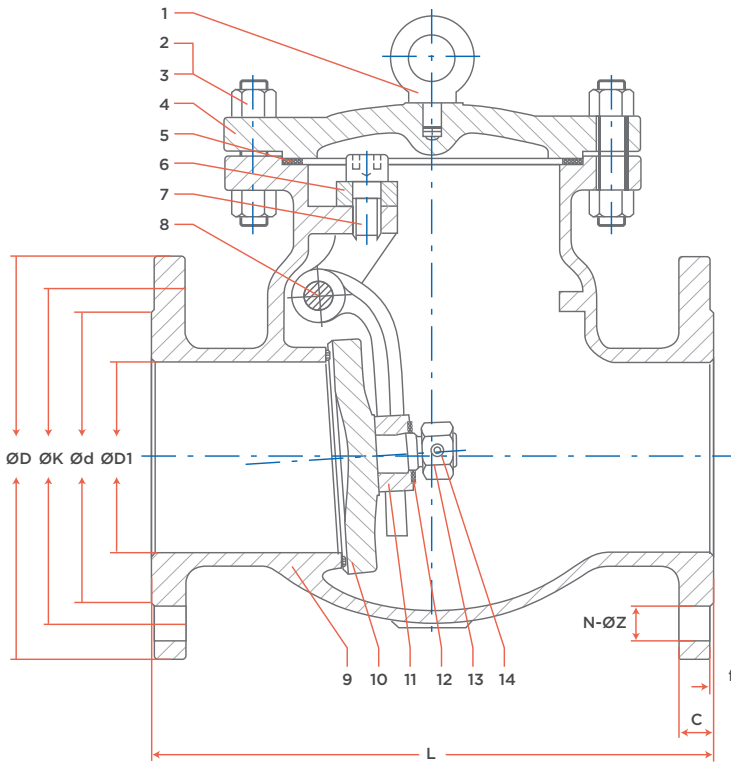
MODEL	SIZE		PORT	ØD1	Ød	Øk	ØD	C	N-ØZ	L	H	WEIGHT (KG)
2131F-06	1"	DN25	1.00	0.98	2.00	3.13	4.33	0.46	4 - 0.63	5.00	2.95	2.80
2131F-08	1 1/2"	DN40	1.50	1.57	2.87	3.87	4.92	0.58	4 - 0.63	6.50	4.13	6.90
2131F-09	2"	DN50	2.00	1.97	3.63	4.75	5.91	0.64	4 - 0.75	7.99	4.41	10.15
2131F-10	2 1/2"	DN65	2.50	2.56	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



TECHNICAL SPECIFICATION
SHELL WALL THICKNESS: API 602
VALVE DESIGN: API 602
THREAD: ADME B1.20.1
UNIVERSAL TRIM 10
NACE MR-0175

TEST SPECIFICATION
TEST ACCORDANCE TO PER API 598
NOMINAL PRESSURE: 1980 PSIG
SHELL TEST: 2970 PSIG
SEAT TEST: 1628 PSIG



BILL OF MATERIAL LIST		
No.	DESCRIPTION	MATERIAL
1	BODY	ASTM A-182 Gr. F316
2	DISC	ASTM A-182 Gr. F316
3	DISC SEAT	ASTM A-182 Gr. 316
4	GASKET	SS316 + GRAPHITE
5	BONNET	ASTM A-182 Gr. F316
6	BONNET BOLT	ASTM A-193 Gr. B8M
7	PIN	ASTM A-182 Gr. F316
8	HINGE	ASTM A-182 Gr. F316
9	DISC NUT	ASTM A-194 Gr. 8M

DIMENSIONS & WEIGHTS											
MODEL	SIZE		ØK	ØD	ØD1	Ød	f	C	N-ØZ	L	WEIGHT (KG)
2331F-09	2"	DN50	5.00	6.49	1.96	3.62	0.07	0.89	8 - 0.86	10.51	18.00
2331F-11	3"	DN80	6.62	8.26	3.14	5.00	0.07	1.14	8 - 0.86	12.51	39.50
2331F-12	4"	DN100	7.87	10.03	3.93	6.18	0.07	1.26	8 - 0.86	14.01	56.00

*WEIGHT IS ESTIMATED
*ALL DIMENSIONS ARE EXPRESSED IN INCHES