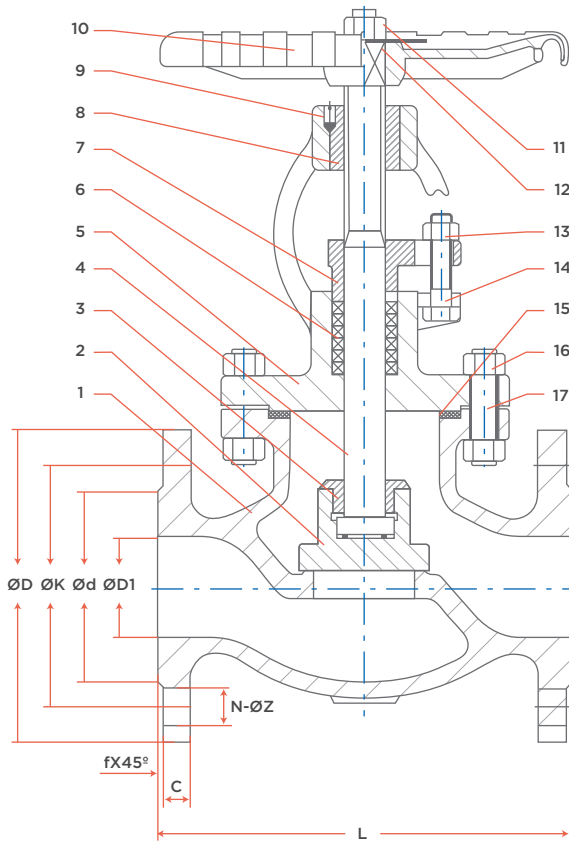




TECHNICAL SPECIFICATION
SHELL WALL THICKNESS: ASME B16.34
VALVE DESIGN: API 603
FLANGE DIMENSIONS: ANSI B16.5
FACE TO FACE: ANSI B16.10
UNIVERSAL TRIM 10
NACE MR-0175

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	BODY	ASTM A-351 Gr. CF8M
2	DISC	ASTM A-351 Gr. CF8M
3	DISC COVER	ASTM A-194 Gr. 8M
4	STEM	ASTM A-182 Gr. 316
5	BONNET	ASTM A-351 Gr. CF8M
6	PACKING	PTFE
7	GLAND	ASTM A-351 Gr. CF8M
8	STEM NUT	AISI 1025
9	SCREW	ASTM A-193 Gr. B8
10	HANDWHEEL	ASTM A-126 Gr. B
11	LOCK NUT	ASTM A-194 Gr. 8
12	NAMEPLATE	ALUMINUM
13	EYE NUT	ASTM A-194 Gr. 8
14	EYE BOLT	ASTM A-193 Gr. B8
15	GASKET	PTFE
16	BONNET NUT	ASTM A-194 Gr. 8
17	BONNET BOLT	ASTM A-193 Gr. B8

DIMENSIONS & WEIGHTS												
MODEL	SIZE		PORT	ØD1	Ød	ØK	ØD	C	N-ØZ	L	f	WEIGHT (KG)
3131F-09	2"	DN50	2.00	1.97	3.63	4.75	5.91	0.64	4 - 0.75	8.00	0.07	13.85
3131F-10	2 1/2"	DN65	2.50	2.56	4.13	5.50	7.09	0.71	4 - 0.75	8.51	0.07	27.50
3131F-11	3"	DN80	3.00	3.15	5.00	6.00	7.48	0.77	4 - 0.75	9.49	0.07	24.85
3131F-12	4"	DN100	4.00	3.94	6.19	7.50	9.06	0.96	8 - 0.75	11.50	0.07	36.85
3131F-13	5"	DN125	5.00	4.93	7.32	8.50	10.04	0.96	8 - 0.87	14.02	0.07	75.50
3131F-14	6"	DN150	6.00	5.91	8.50	9.50	11.02	1.02	8 - 0.87	15.99	0.07	64.85
3131F-15	8"	DN200	8.00	7.87	10.63	11.75	13.58	1.14	8 - 0.87	19.49	0.07	112.50

*WEIGHT IS ESTIMATED
*ALL DIMENSIONS ARE EXPRESSED IN INCHES