



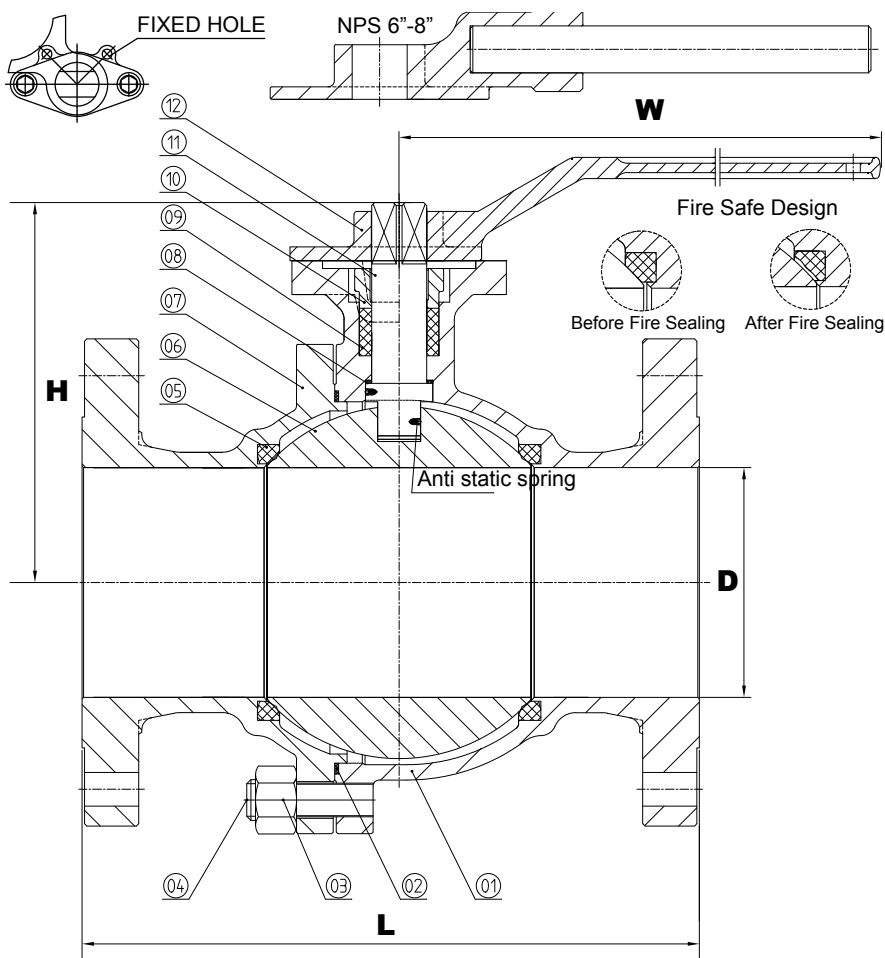
CLASS 150 STAINLESS STEEL BALL VALVE

FIG.# 4E-41C8M16RGF-2F

Sizes: 2"-8" @ ANSI 150

316 Stainless Steel Body, Ball and Stem
2-PCS, Floating Ball, Full Port, Nace
ISO 5211 Mounting Pad
Fire Safe Design and Anti-Static*
Design and Manufacture: API 6D
Face to Face Dimensions: ASME B16.10
Flange Ends Dimensions: ASME B16.5
Fire Safe Test: API 607
Pressure Test: API 598

CLASS	Pressure Test (MPa)		
	Shell Test	Seat Test	Air Test
150 LB	3.0	2.2	0.6
Applicable Temperature		- 29°C (- 20°F) ~ 120°C (248°F)	
Applicable Media		W.O.G.	



MATERIAL LIST

No.	Part Name	Material
1.	Body	A351 CF8M
2.	Body Gasket	SS 316 + Graphite
3.	Nut	A194 - 8M
4.	Stud	A193 - B8M
5.	Seat	RPTFE
6.	Ball	A182 - F316
7.	Bonnet	A351 CF8M
8.	Thrust Washer	PTFE
9.	Packing	Graphite
10.	Gland	A351 CF8M
11.	Stem	SS 316
12.	Lever	A216 - WCB

DIMENSIONS & WEIGHT

SIZE	unit	2"	3"	4"	6"
D	inch	2.01	2.99	4.02	5.98
	mm	51	76	102	152
L	inch	7.00	8.00	9.00	15.50
	mm	178	203	229	394
H	inch	5.51	7.01	9.06	12.20
	mm	140	178	230	310
W	inch	9.84	13.78	19.69	31.50
	mm	250	350	500	800
Weight	lbs.	26.5	52.9	83.8	180.8
	kgs.	12	24	38	82
Torque	N·m	65	156	234	702

NOTE: 1. Handwheel, lever and Gear Operator must be specified at the point of order.
2. 4E valves reserves the right to change designs, materials, or specifications without notice or without obligation to furnish or install such changes on products previously or subsequently sold.

CLASS 150 STAINLESS STEEL BALL VALVE



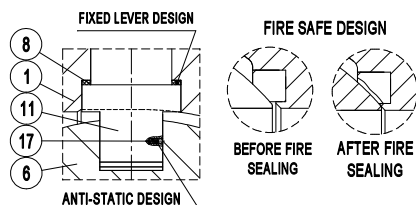
FIG.# 4E-41C8M16RGF-2F

Sizes: 6"- 8" Lever Operation

Sizes: 10" Gear Operation

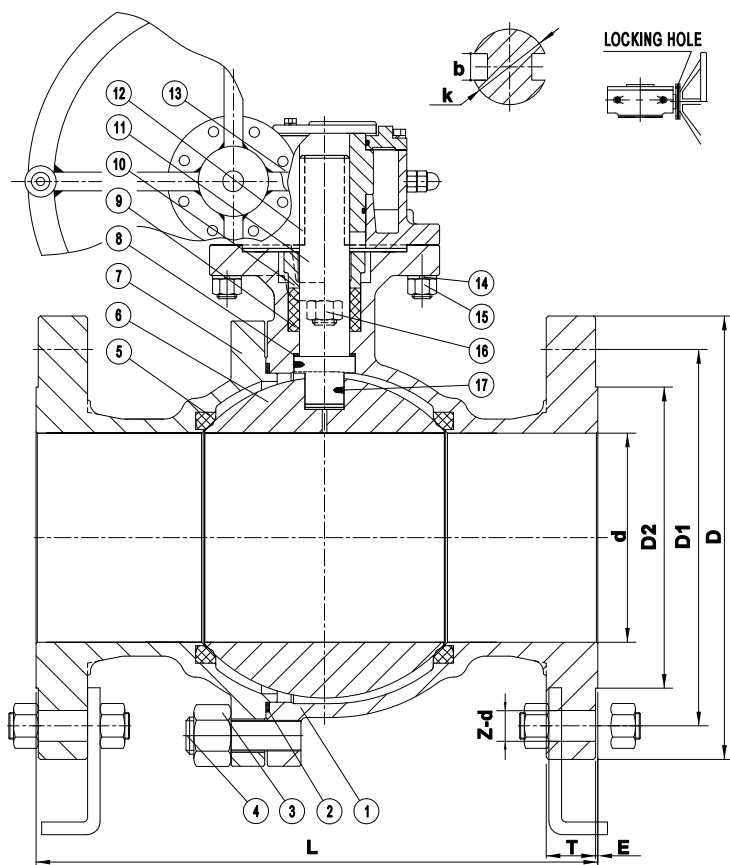
CF8M Body, A182-F316 Ball, Nace
2-PCS, Floating Ball, Full Port
ISO5211 Mounting pad

CLASS	Pressure Test (MPa)		
	Shell Test	Seat Test	Air Test
150 LB	3.0	2.2	0.6
Applicable Temperature		- 29°C (- 20°F) ~ 120°C (248°F)	
Applicable Media		W.O.G.	
Design and Manufacture		API 6D	
Face to Face Dimensions		ASME B16.10	
Flange Ends Dimensions		ASME B16.5	
Fire safe test		API 607	
Pressure Test		API 6D	



MATERIAL LIST

No.	Part Name	Material
1.	Body	A351-CF8M
2.	Gasket	SS316+Graphite
3.	Nut	A194-8MA
4.	Stud	A193 B8MA
5.	Seat	RPTFE
6.	Ball	A182-F316
7.	Bonnet	A351-CF8M
8.	Thrust washer	PTFE
9.	Packing	Graphite+PTFE
10.	Gland	A351-CF8
11.	Stem	SS316
12.	Key	ASTM-1045
13.	Turbine head	ASSEMBLED
14.	Spring pad	65Mn
15.	Nut	A194-8MA
16.	Stud	A193 B8MA
17.	Anti-static	SS316



DIMENSIONS & WEIGHT

SIZE	unit	6"	8"	10"
L	inch	15.51	17.99	20.98
	mm	394	457	533
d	inch	5.91	7.91	9.92
	mm	150	201	252
D	inch	11.02	13.58	15.94
	mm	280	345	405
D1	inch	9.5	11.75	14.25
	mm	241.3	298.5	362
D2	inch	8.50	10.63	12.75
	mm	215.9	269.9	323.8
T	inch	0.94	1.06	1.13
	mm	23.9	27	28.6
E	inch	0.08	0.08	0.08
	mm	2	2	2
Z-d	inch	0.87	0.87	0.98
	mm	22	22	25
	Qty	8	8	12
b	inch	1.06	1.26	0.47
	mm	27	32	12
k	inch	1.06	1.26	1.65
	mm	27	32	42
Weight	LBS.	496	496	496
	Kgs.	72	112	225
Torque	N.m	658	1092	2600