



## FULL PORT FLANGED END KF, FLOATING BALL VALVE DESIGN

### EC- Series Economical Contractor Design

#### Models:

KF 150 - Class 150

KF 300 - Class 300

Sizes 2" - 8"

#### Full Port Design:

2PC Split Body Design

Standard Materials

Carbon Body with 304SSTrim

Also Available in LCB & LCC

#### Design Features:

- Quality Sand Castings
- Floating Ball Design
- Locking Device
- Blow-out Proof Stem
- Anti Static Ground
- Graphite Stem & Body Seal
- Pressure Testing API 598, BS 6755 PT-1
- Actuator Mounting Pad

#### Standards of Compliance:

- ANSI Class 150 & 300
- Flanges B 16.5
- Face to Face B 16.10
- Shell / Wall B 16.34
- Fire Safe API607-4
- Complies NACE MRO175
- Complies API-6D / ISO-9001

#### Specification Standards:

- Flanged End - ANSI Class 150 / 300
- Flanges ANSI B 16/5
- Face to Face ANSI B 16.10
- Shell / Wall ANSI B 16.34
- Fire Safe Certified to API 607-4
- NACE-MRO-175
- All manufactured in accordance with the following standards:  
ISO 9001, API 6D
- All valves 100% hydrostatically pressure tested in open and closed positions.
- ANSI-150 Shell 425 PSI
- ANSI-300 Shell 1100 PSI



Valve Size 3"

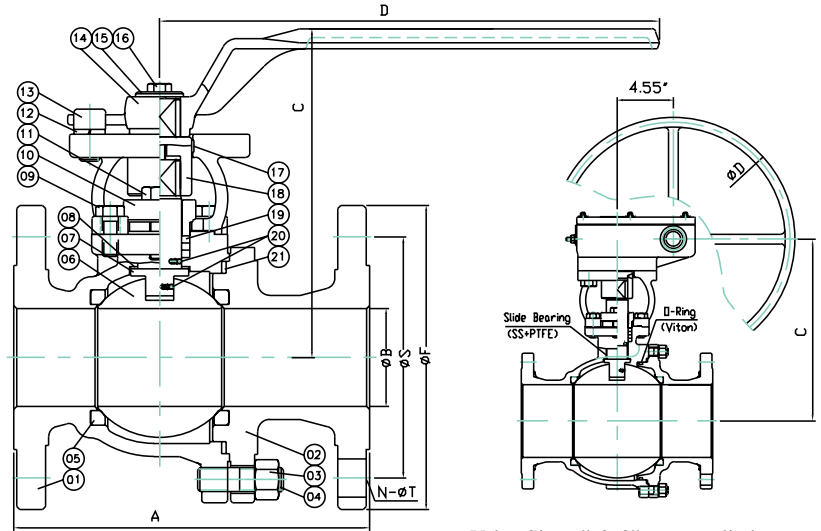


Valve Size 6"

**DESIGN AND TECHNICAL DATA**

**BILL OF MATERIALS:**

No.	Part Name	Material
1	Body	A216 WCB
2	Cap	A216 WCB
3	Bolt	A193 B7
4	Nut	A194 2H
5	Seat	RPTFE
6	Ball	SS304
7	Stem	SS304
8	Thrust Bearing	SS304+PTFE
9	Stud	A193 B7
10	Gland	A216 WCB
11	Gland Bolt	A193 B7
12	Washer	Carbon Steel
13	Stud	A193 B7
14	Handle	WCB
15	Handle Washer	Zinc Plated CS
16	Stud	A193 B7
17	Slide Bearing	SS304+PTFE
18	Stem Coupling	Carbon Steel
19	Packing	Graphite
20	Anti-Static	SS316
21	Body Seal	SS304+Graphite



Valve Size 6" & 8" are supplied with gear operator as standard

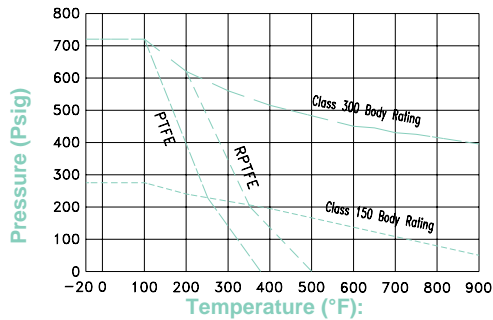
**Class 150 Dimensions Model: KF 150**

SIZE	A	B	C	D	F	N	S	T
2"	7.00	2.00	6.50	9.84	6.00	4	4.75	0.75
2 1/2"	7.50	2.56	9.55	15.75	7.00	4	5.50	0.75
3"	8.00	3.00	9.60	15.75	7.50	4	6.00	0.75
4"	9.00	4.02	11.30	25.60	9.00	8	7.50	0.75
5"	14.0	4.93	11.30	25.60	10.00	8	8.50	0.88
6"	15.50	5.98	14.75	19.70	11.00	8	9.50	0.88
8"	18.00	7.87	16.65	19.70	13.50	8	11.75	0.88

**Class 300 Dimensions Model: KF 300**

SIZE	A	B	C	D	F	N	S	T
2"	8.50	2.00	6.50	9.84	6.50	8	5.00	0.75
2 1/2"	9.50	2.56	9.55	15.75	7.50	8	5.88	0.88
3"	11.12	3.00	10.0	15.75	8.25	8	6.62	0.88
4"	12.0	4.02	11.30	25.60	10.0	8	7.88	0.88
5"	15.0	4.93	11.30	25.60	11.0	8	9.25	0.88
6"	15.88	5.98	14.75	19.70	12.5	12	10.62	0.88
8"	19.75	7.87	16.65	19.70	15.0	12	13.0	1.00

**PRESSURE TEMPERATURE CHART:**



**VALVE MODEL NUMBER CODES**

Consult Factory for Actuator Mounting Dimensions & Valve Torques

Model	Pressure Class		Body Material		Ball Material		Stem Material		Seat Material		Stem Seal		Operator	
KF	150	150	WCB	CS	304SS	S4	304SS	SS	RPTFE	R	Graphite	G	Lever	L
	300	300	CF8M	SS	316SS	SS	316SS	S7	PTFE	T	RPTFE	R	Gear	G
							17-4PH	S4	Metal	M	PTFE	T	Bare Stem	N

**VALVE MODEL NUMBER CODES**

Water	Class150	WCB	304SS	304SS	RPTFE	Graphite	Lever
Model	Pressure Class	Body	Ball	Stem	Seat	Stem Seal	Operator
KF	- 150	- CS	- S4	- S4	- R	- G	- L