



Elite Flow Control Co., Ltd.

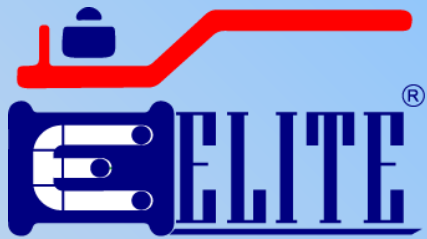
“WE CONTROL THE FLOW”



www.elite-valves.com

Elite UK Corporate Office : 3rd Floor, 207 Regent Street, London United Kingdom, W1B 3HH

Factory: Puxi Village, Oubei Sub-district, Yongjia, WenZhou, Zhejiang, China



Brief Introduction

Elite Flow Control Co., Ltd is a manufacturer of high quality valves based in Oubei Town, Yongjia, Wenzhou city, Zhejiang Province, China.

The manufacturing range includes :

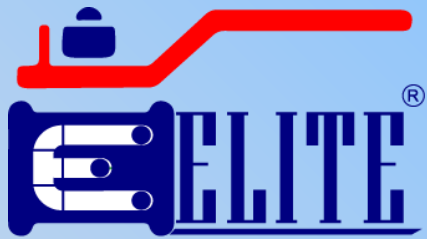
- Ball Valves
- Gate Valves
- Globe Valves
- Check Valves
- Plug Valves
- Butterfly Valves



The Material of Construction Includes:

- Carbon Steel
- Stainless Steel
- Alloy Steel
- Duplex Steel
- Supper Duplex
- Titanium
- Hastelloy



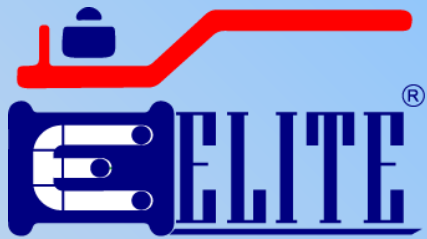


HSE Policy

Elite Flow Control recognizes the importance of Health, Safety and Environment (HSE) policy, and is committed to provide a safe, healthy environment and welfare of our employees through observance and encouragement of this policy.

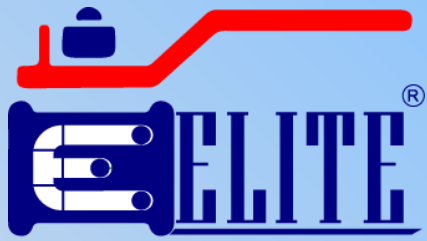
We shall comply with safety laws, regulations and instructions which we follow in our sites, also we shall comply with safe operating practices of the Owner and shall takes all necessary safety precautions for the accidents related with would be arisen during the performance of the Contract in order to protect the work of the personnel.

For ensuring that the work is carried out in a safe manner, we shall make sure that the safety regulations will be followed by all our personnel and necessary instructions will be given to each one. Our safety engineers and site manager will have the authority and responsibility to ensure safety working places.

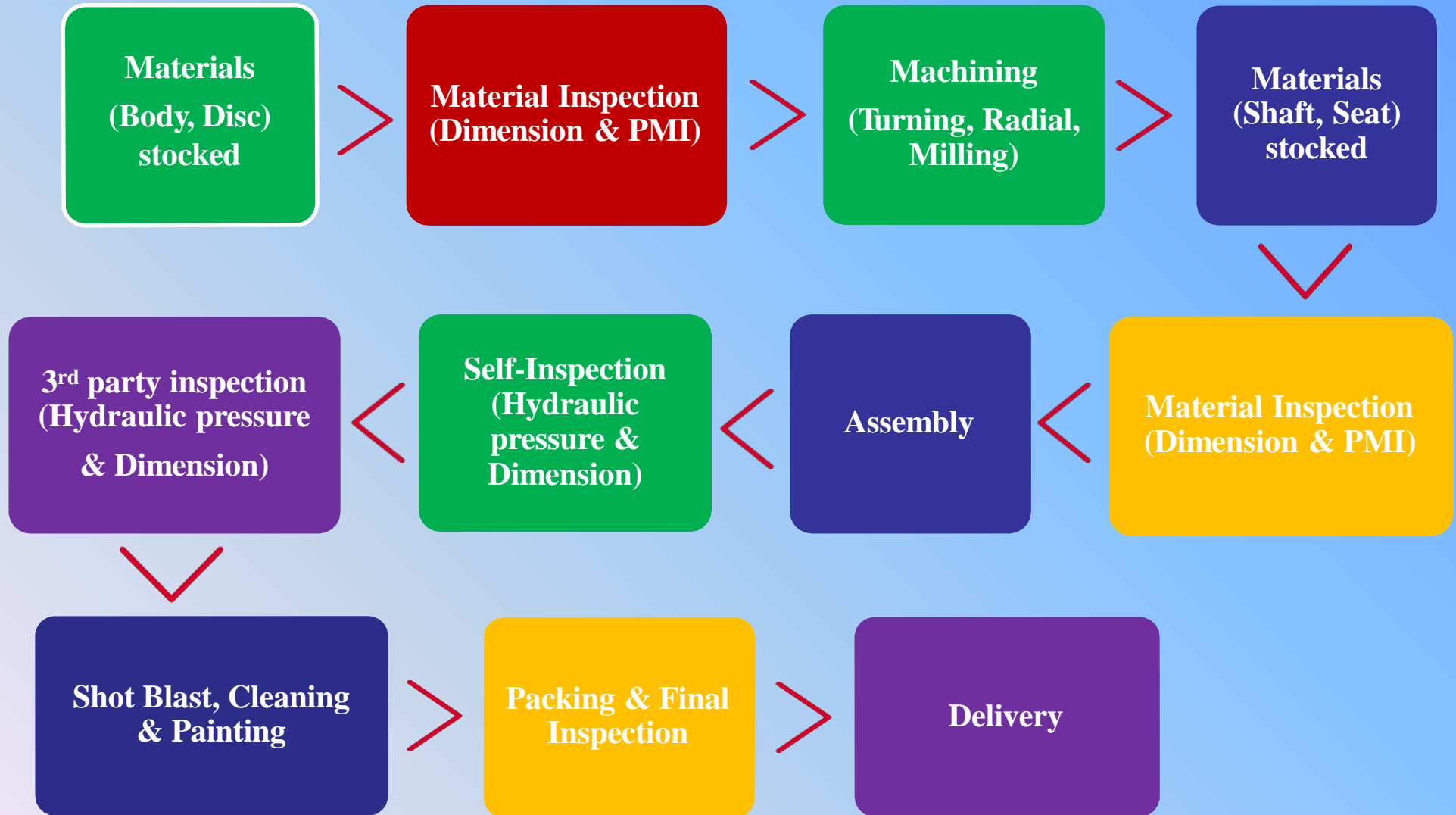


Standard Manufacturing Range

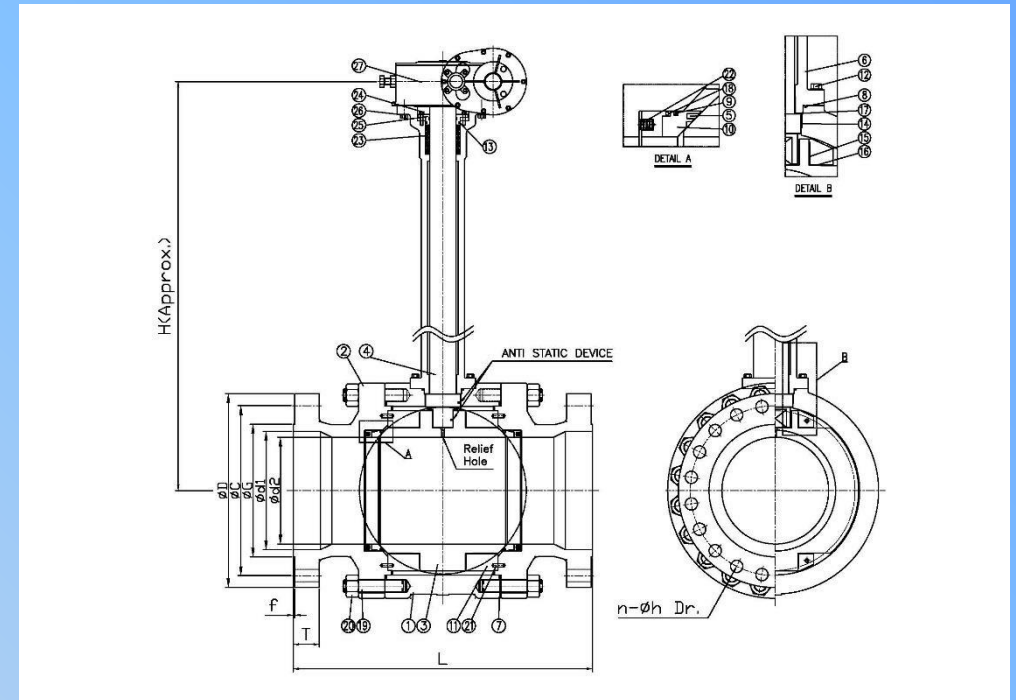
Type		Applicable Code	Class Range	Size Range
Ball Valve	Floating	API, DIN, BS, JIS, ASME	150#~300#	DN 15~DN 200
	Trunnion		150#~2500#	DN 50~DN 1200
	Top Entry		150#~2500#	DN 25~DN 1200
Gate Valve		API, BS, ASME	150#~2500#	DN 50~DN 1200
Globe Valve		API, BS, ASME	150#~2500#	DN 50~DN 400
Swing Check Valve		API, BS, ASME	150#~2500#	DN 50~DN 1200
Check Valve	Dual Plate	API, ASME, DIN, BS, JIS, AWWA	150#~2500#	DN 50~DN 2000
	Single Plate		150#~600#	DN 50~DN 2000
	Nozzle		150#~2500#	DN 50~DN 1600
	Smolensky		150#~300#	DN 50~DN 900
	Non Slam		150#~600#	DN 250~DN 1800
	Non Return Butterfly		125#~300#	DN 250~DN 3000
	Combined		125#~300#	DN 250~DN 3000
Butterfly Valve	Concentric	API, ASME, DIN, BS, JIS, AWWA	125#~150#	DN 50~DN 2000
	Double Offset		150#~600#	DN 50~DN 2000
	Water Works		125#~150#	DN 250~DN 3700
	Triple Offset		150#~600#	DN 50~DN 2000
Plug Valves	Lubricated / Non Lubricated	API 6D	150#~600#	DN 15~DN 300



Standard Manufacturing Process

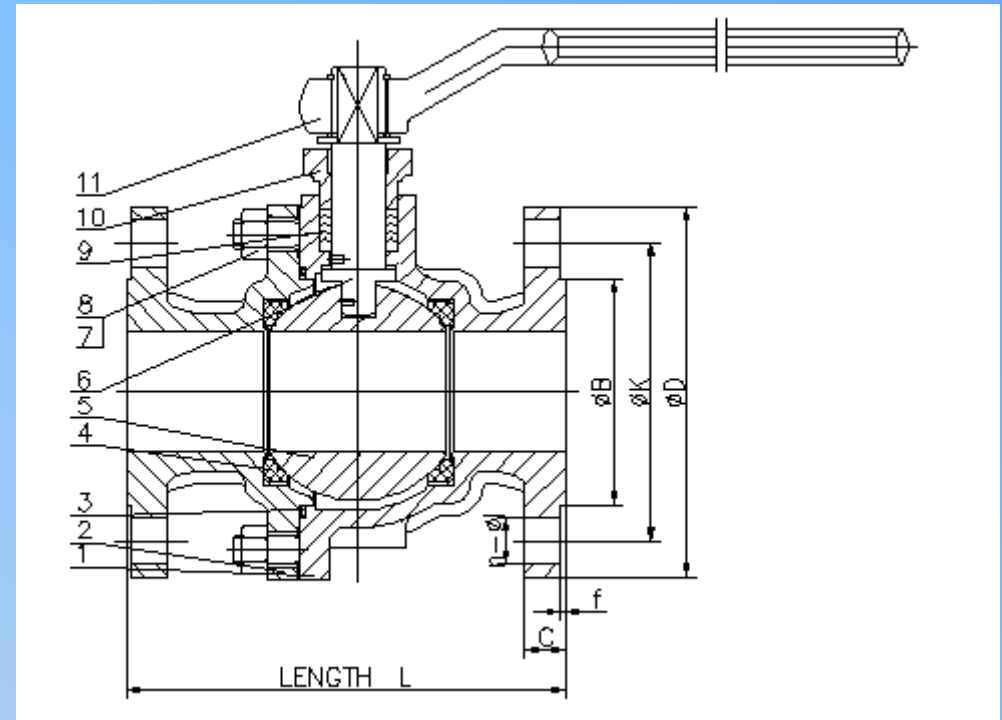
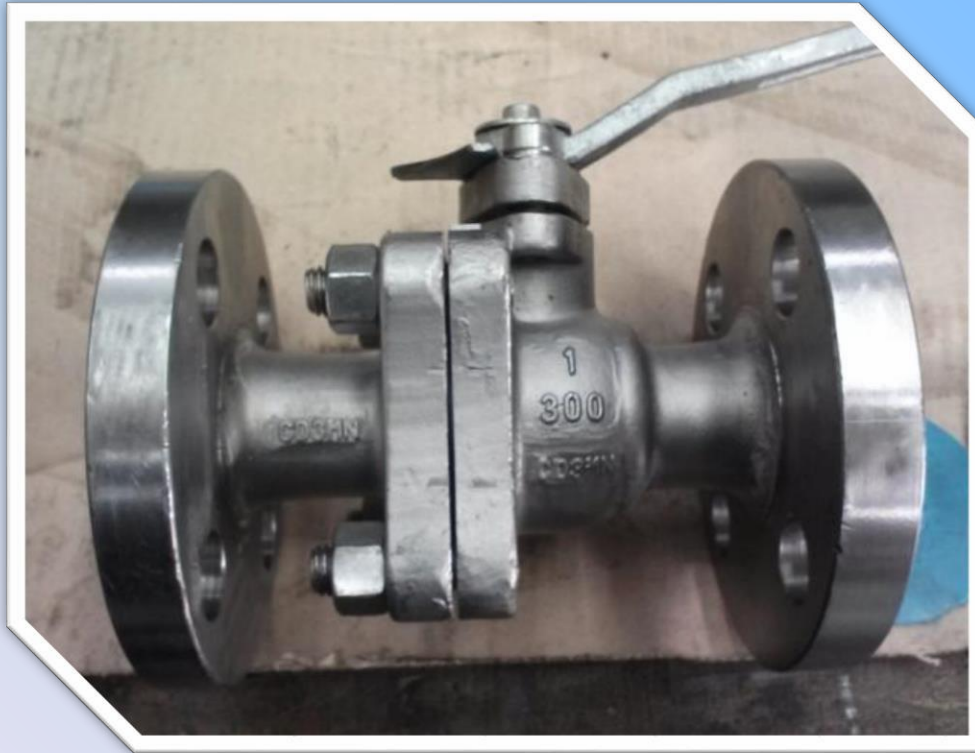


Cryogenic Ball Valve

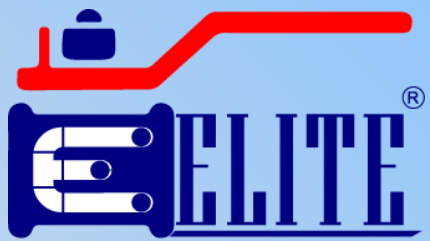


- Size : DN 25 ~ DN 1000
- Pressure Range : 150 lbs ~ 2500lbs
- Applicable Code : API, BS 6364
- Applicable USE : LNG GAS
- Applicable Seat : METAL, PCTFE

Floating Ball Valve



- Size : DN 15 ~ DN 200
- Pressure Range : 150 lbs ~ 300lbs
- Applicable Code : API, BS, ASME, DIN, JIS
- Applicable USE : Desalination Plant, Oil & Gas, Power Plant, Marine Use, Chemical Plant
- Applicable Seat : NBR, EPDM, SILICON, NEOPRENE, METAL

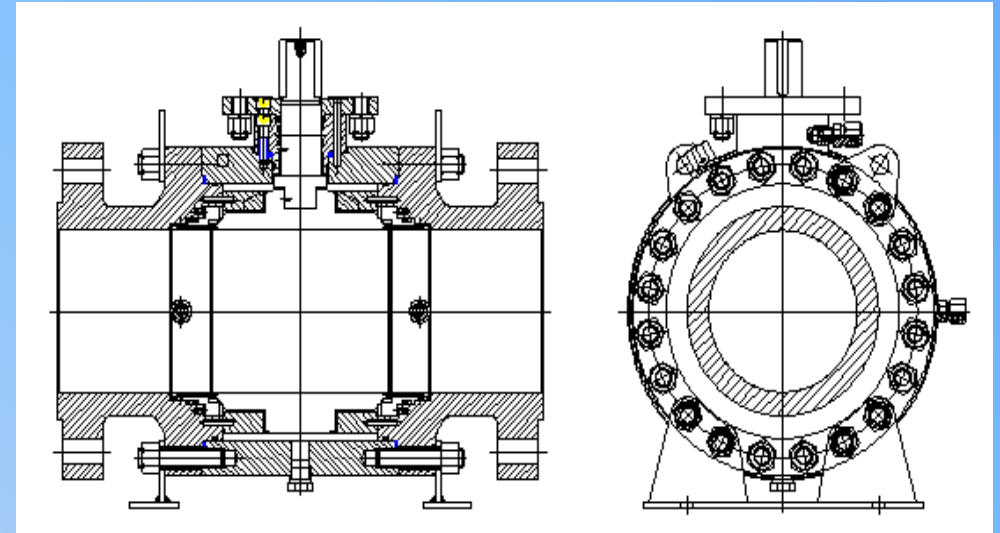


Floating Ball Valve

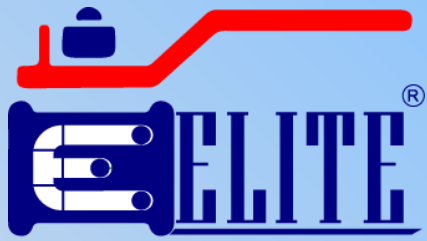




Trunnion Ball Valve



- **Size : DN 50 ~ DN 1200**
- **Pressure Range : 150 lbs ~ 2500lbs**
- **Applicable Code : API, BS, ASME, DIN, JIS**
- **Applicable USE : Desalination Plant, Oil & Gas, Power Plant, Marine Use, Chemical Plant**
- **Applicable Seat : NBR, EPDM, SILICON, NEOPRENE, METAL**

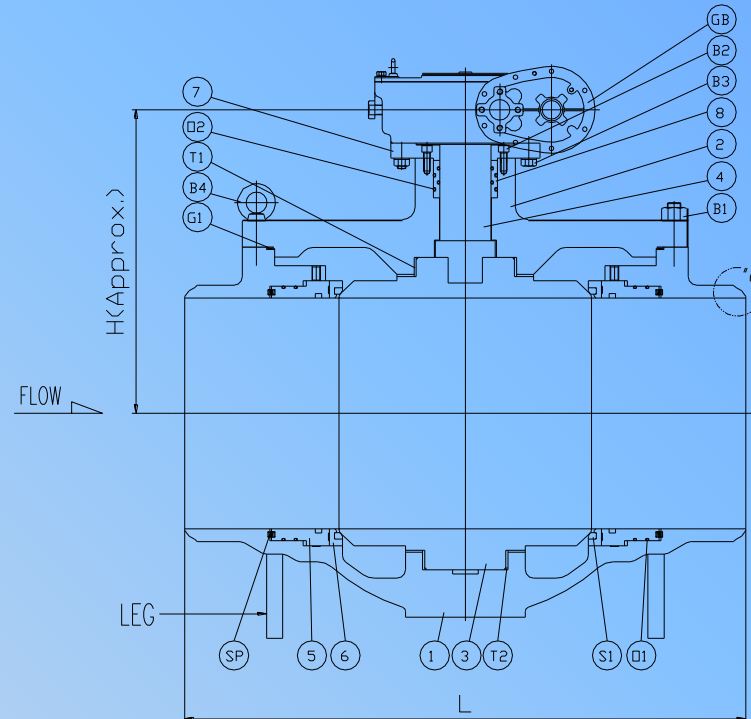


Trunnion Ball Valve





Top Entry Ball Valve

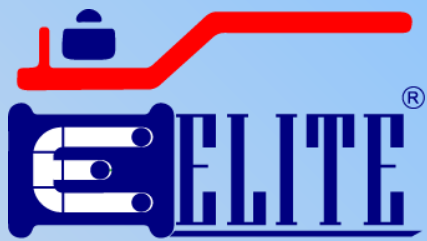


- **Size : DN 25 ~ DN 1200**
- **Pressure Range : 150 lbs ~ 2500lbs**
- **Applicable Code : API, BS, ASME, DIN, JIS**
- **Applicable USE : Desalination Plant, Oil & Gas, Power Plant, Marine Use, Chemical Plant**
- **Applicable Seat : NBR, EPDM, SILICON, NEOPRENE, METAL**

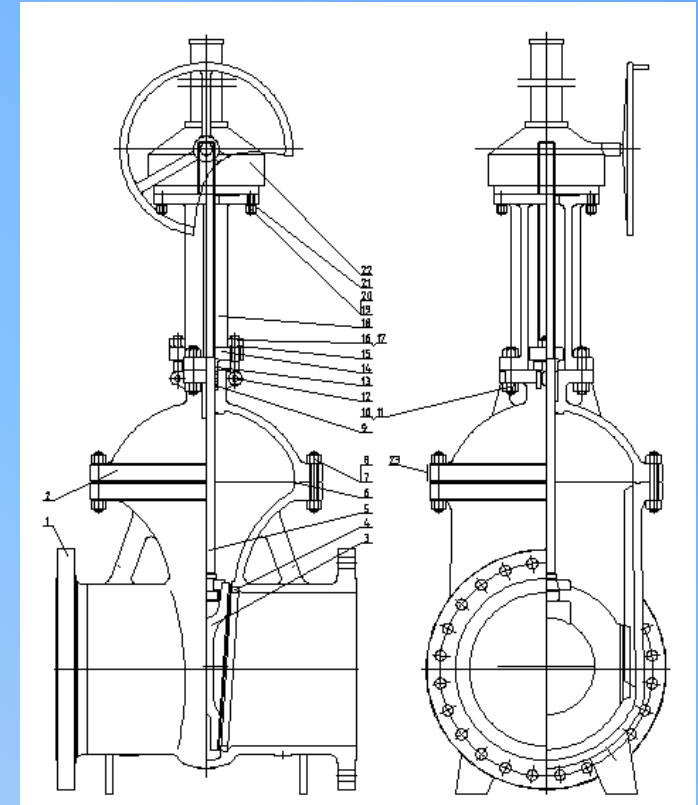


Top Entry Ball Valve

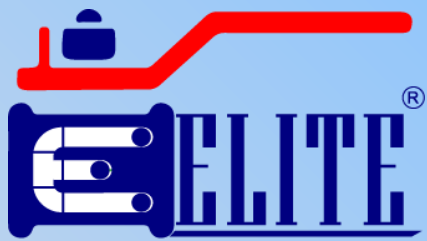




Gate Valve

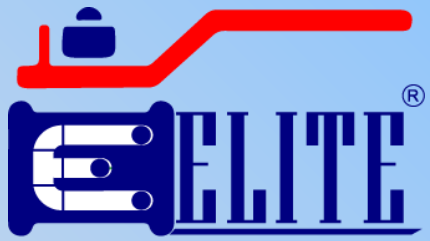


- **Size : DN 50~ DN 1200**
- **Pressure Range : 125 lbs ~ 2500lbs**
- **Applicable Code : AWWA, ASME, DIN, JIS, API**
- **Applicable USE : Desalination Plant, Oil & Gas, Power Plant, Marine Use, Chemical Plant**
- **Applicable Seat : METAL**



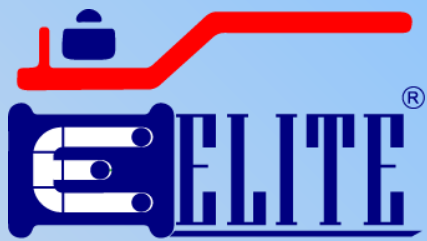
Gate Valve



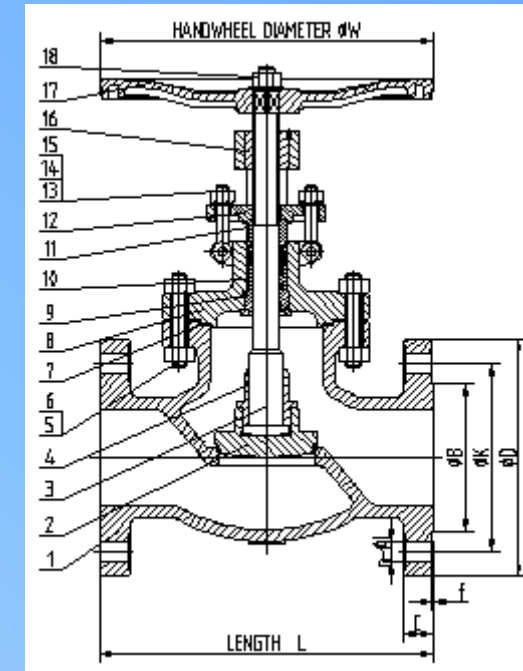


Forged Gate Valve





Globe Valve



Size : DN 15 ~ DN 300

Pressure Range : 150 lbs ~ 2500lbs

Basic Design: BS 1873

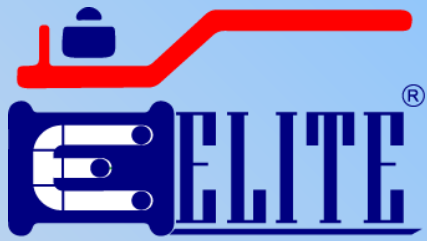
Face to Face Dimension: ANSI B 16. 10

End to End Dimension: ANSI B 16. 10

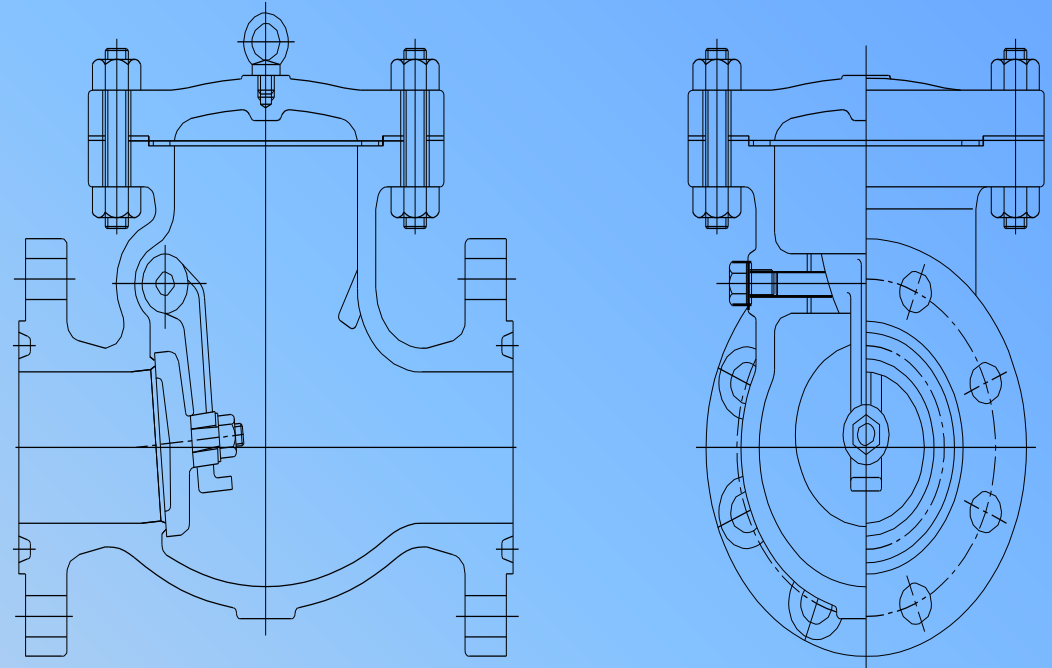
Flanged Ends to ANSI B 16.5

B.W. Ends to ANSI B 16.25

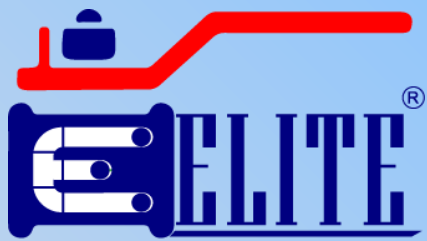
Manufacturing to NACE MR – 01 – 75 on request



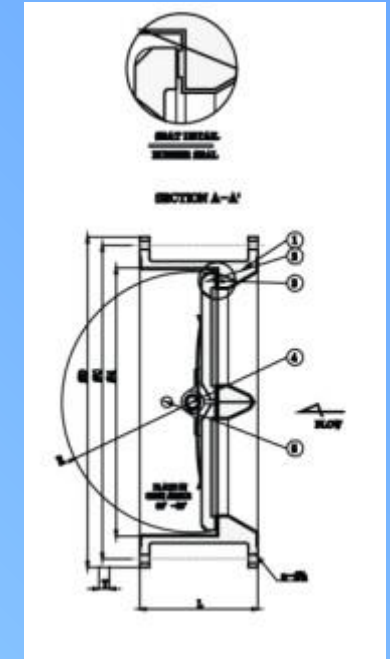
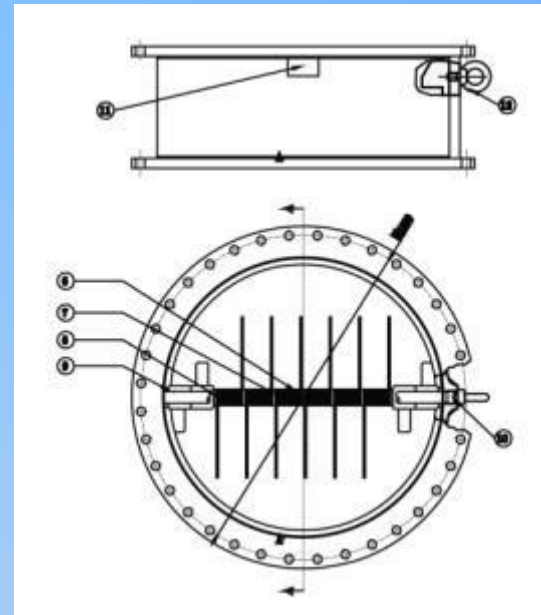
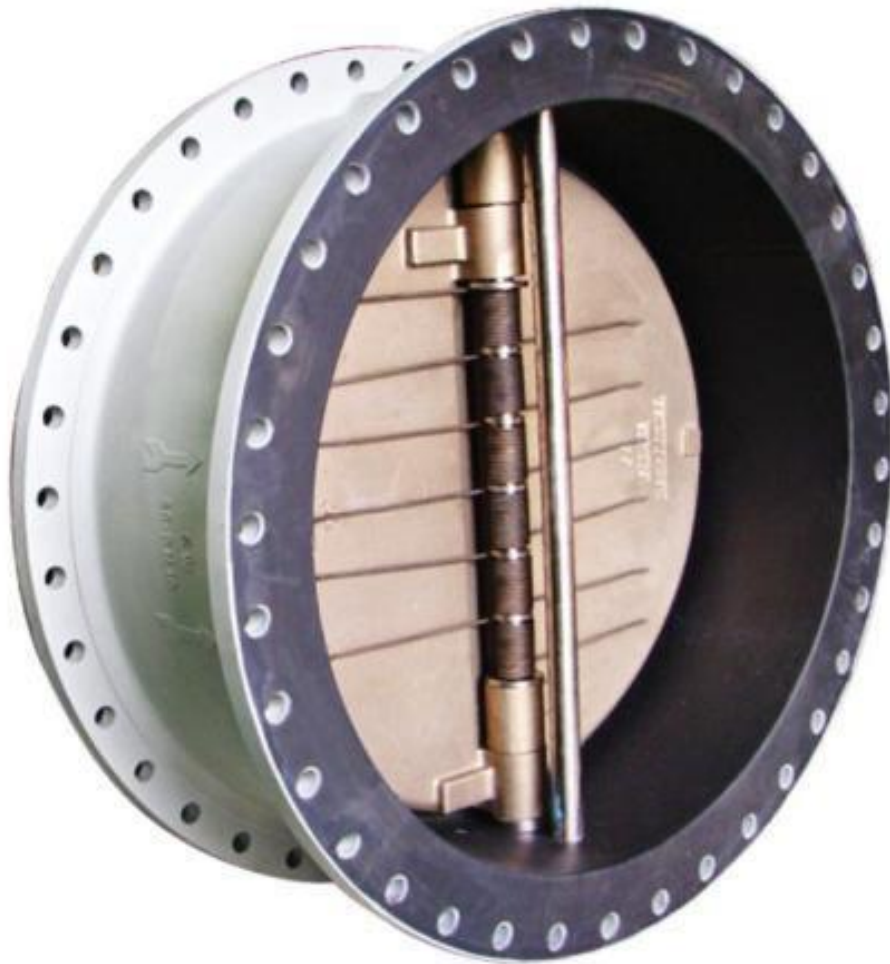
Swing Check Valve



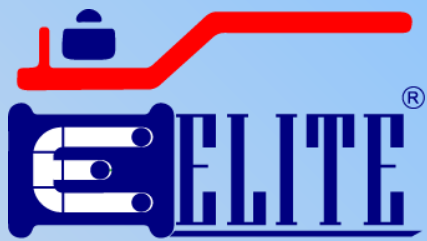
- **Size : DN 50~ DN 1200**
- **Pressure Range : 125 lbs ~ 2500lbs**
- **Applicable Code : AWWA, ASME, DIN, JIS, API**
- **Applicable USE : Desalination Plant, Oil & Gas, Power Plant, Marine Use, Chemical Plant**
- **Applicable Seat : METAL**



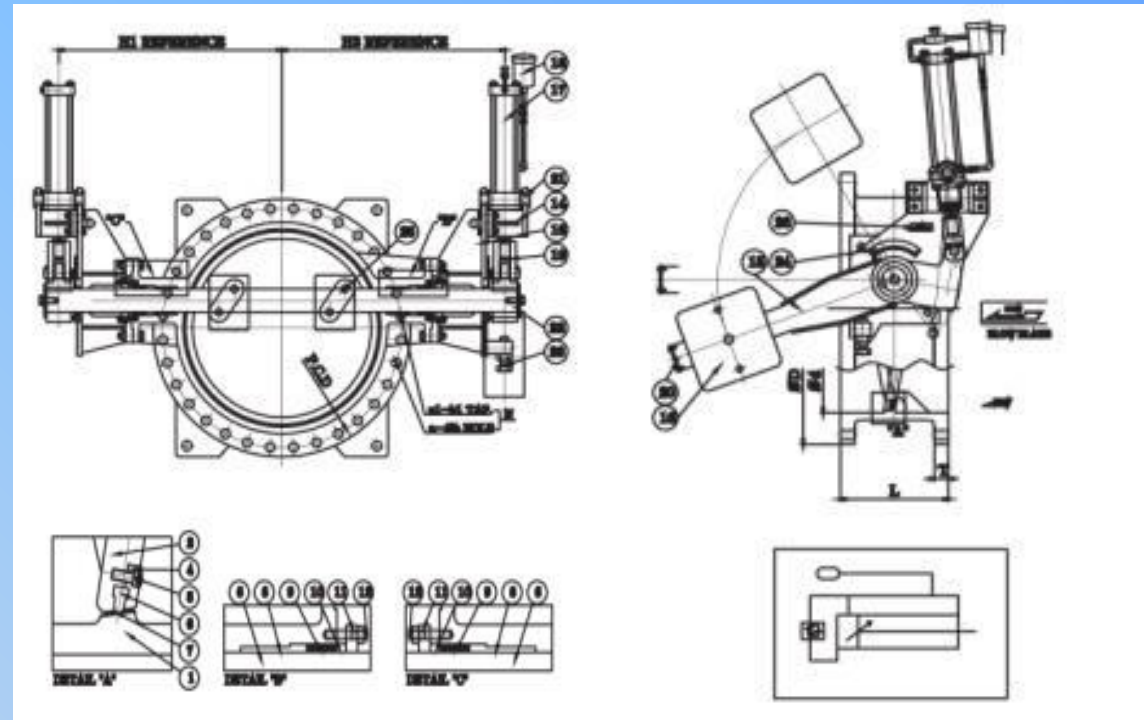
Dual Plate Check Valve



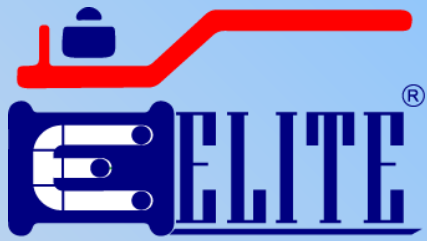
- **Size : DN 50 ~ DN 2000**
- **Pressure Range : 150 lbs ~ 2500 lbs**
- **Applicable Code : API, ASME, DIN, JIS, BS6364**
- **Applicable USE : Desalination Plant, Oil & Gas, Power Plant, Marine Use, Chemical Plant, LNG Gas**
- **Applicable Seat : RUBBER, TEFLON, METAL**



Non Return Check Valve



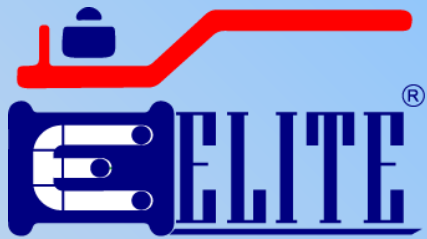
- Size : DN 250 ~ DN 1800
- Pressure Range : 125 lbs ~ 600 lbs
- Applicable Code : AWWA, ASME, DIN, JIS
- Applicable USE : Desalination Plant, Oil & Gas, Power Plant, Marine Use, Chemical Plant
- Applicable Seat : RUBBER, TEFLON, METAL



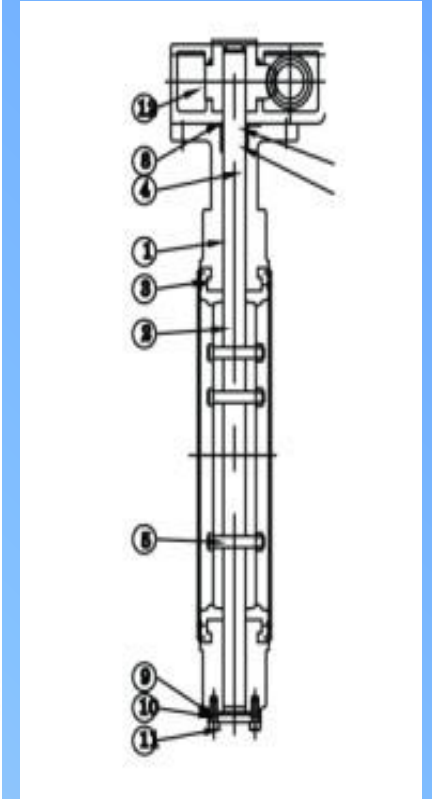
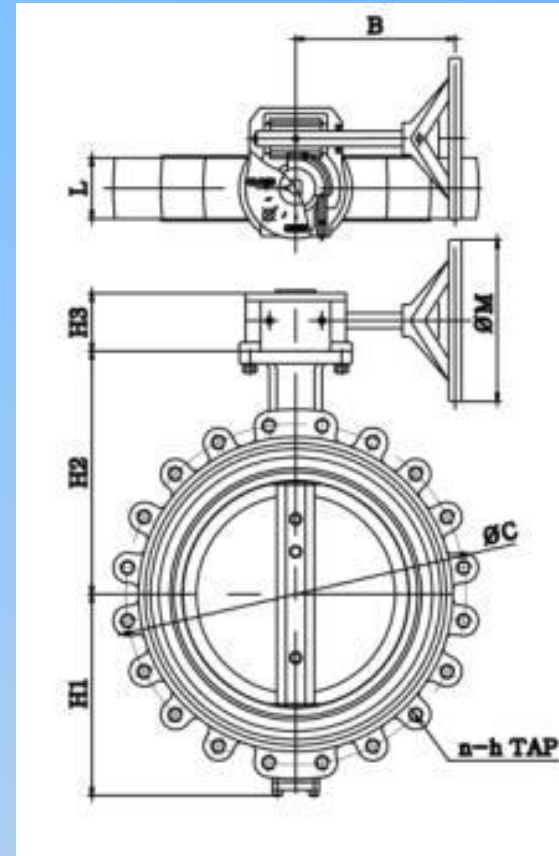
Plug Valve



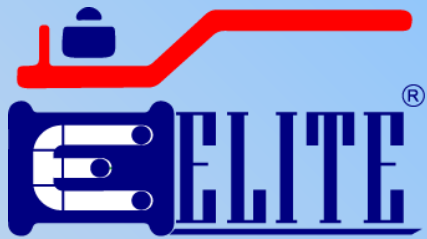
- **Size : DN 15 ~ DN 300**
- **Pressure Range : 150 lbs ~ 600lbs**
- **Test: API 6D or API 598**
- **Applicable USE : Oil & Gas, Chemical Plant**



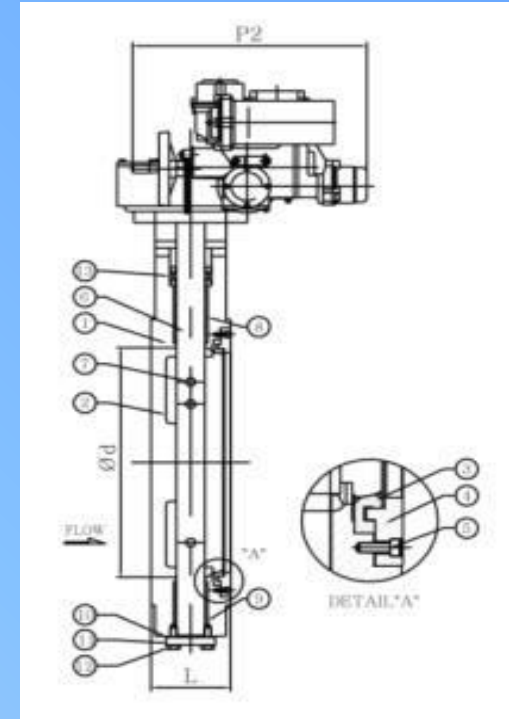
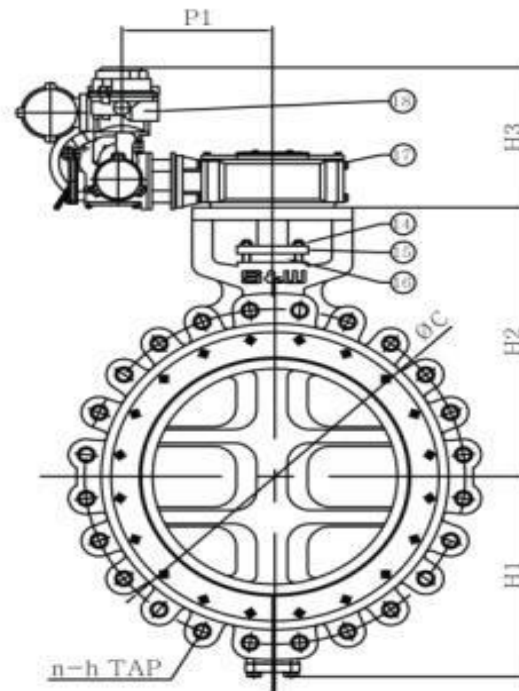
Concentric Butterfly Valve



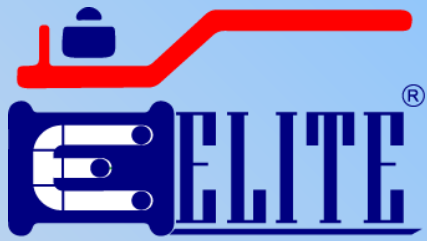
- Size : DN 50 ~ DN 2000
- Pressure Range : 125 lbs ~ 150lbs
- Applicable Code : API, BS, ASME, DIN, JIS
- Applicable USE : Desalination Plant, Oil & Gas, Power Plant, Marine Use, Chemical Plant
- Applicable Seat : NBR, EPDM, SILICON, NEOPRENE, VITON TEFLON



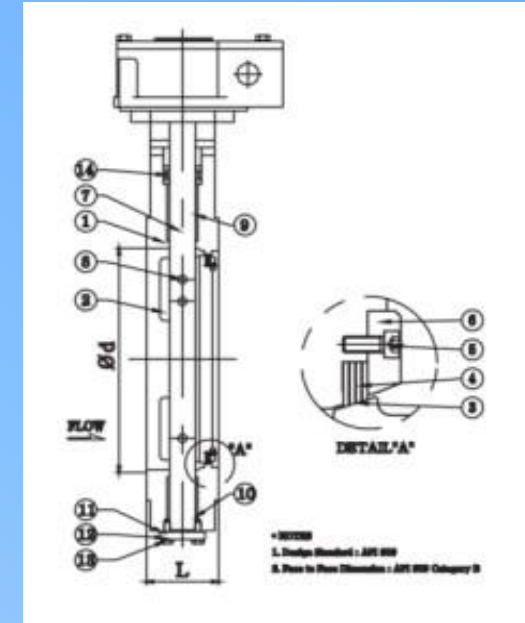
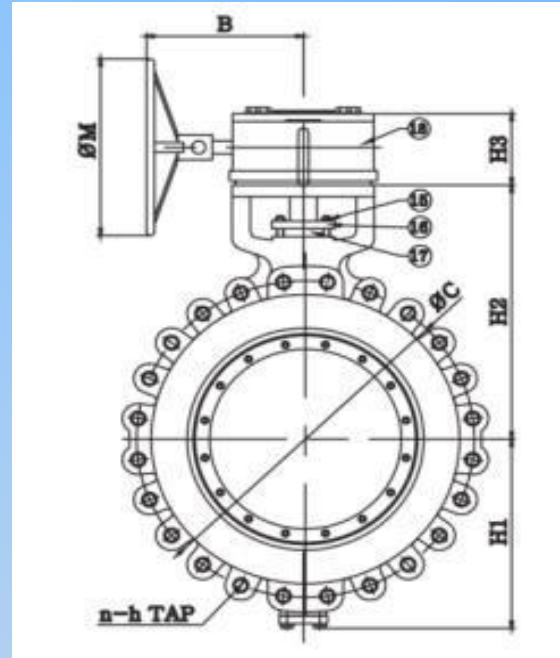
Double Offset Butterfly Valve



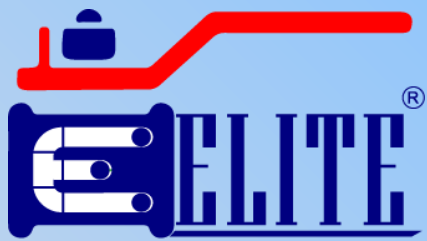
- **Size : DN 50 ~ DN 2000**
- **Pressure Range : 150 lbs ~ 600 lbs**
- **Applicable Code : API, BSI, ASME, DIN, JIS**
- **Applicable USE : Desalination Plant, Oil & Gas, Power Plant, Marine Use, Chemical Plant**
- **Applicable Seat : RUBBER, TEFLON, METAL**



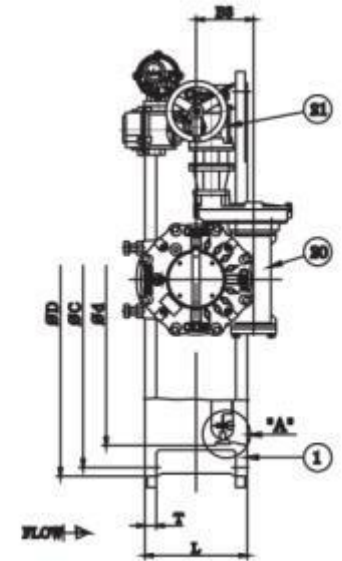
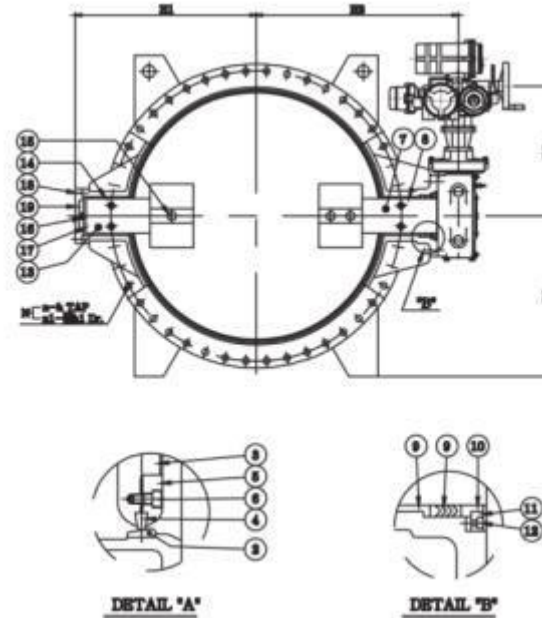
Triple Offset Butterfly Valve



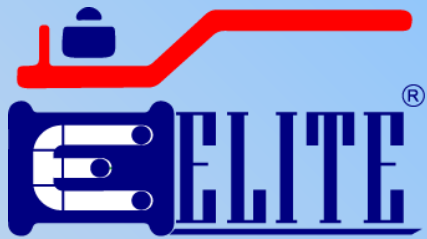
- **Size : DN 50 ~ DN 2000**
- **Pressure Range : 150 lbs ~ 600lbs**
- **Applicable Code : API, BSI, ASME, DIN, JIS**
- **Applicable USE : Desalination Plant, Oil & Gas, Power Plant, Marine Use, Chemical Plant**
- **Applicable Seat : METAL, LAMINATED METAL**



Water Butterfly Valve

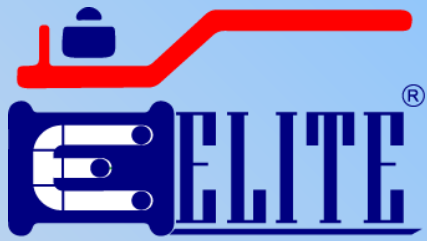


- Size : DN 250~ DN 3700
- Pressure Range : 125 lbs ~ 150lbs
- Applicable Code : AWWA, ASME, DIN, JIS
- Applicable USE : Desalination Plant, Oil & Gas, Power Plant, Marine Use, Chemical Plant
- Applicable Seat : NBR, EPDM, SILICON, NEOPRENE, VITON



Manufacturing Equipment

No	Equipment	Type	Q'ty	Manuf'rer
1	MCT	2800 x 1050	1	Hwacheon Machine
2	Finishing machine (Ball Only)	ϕ 600 etc	10	Hwacheon Machine
3	Grinding M/C (Ball Only)	ϕ 600 etc	10	Hwacheon Machine
4	Turning Lathe	ϕ 3600	1	Q & Q Electricity
5	MCT	2500x4000	1	WIA
6	CNC Turning Lathe	ϕ 1300	1	S&T
7	MCT	KH630 (630 X 630)	1	WIA
8	Face Lathe	460 X 1000	1	Hwacheon Machine
9	CNC Lathe	ϕ 250	1	WIA
10	Face Lathe	530 X 1050	1	SAEIL
11	Face Lathe	800 X 1550	1	SAEIL
12	Face Lathe	710 X 1500	1	Hankook Machine Tools
13	Face Lathe	710 X 1500	1	Hankook Machine Tools
14	Planing machine	DGS-520A	1	Dansan Machine
15	Planing machine	1250 X 600	1	Dansan Machine
16	TIG Welding machine	EP-600T	1	Eagle weld
17	TIG Welding machine	BWD-500T	1	Welding mall
18	CO2 Welding machine	EP-500M	1	Eagle weld
19	Milling M/C	2100 X 1100	1	Kiheung Machine
20	Milling M/C	1300 x 500	1	Hwacheon Machine
21	Milling M/C	1500 X 800	1	Hwacheon Machine
22	Milling M/C	2100 X 1100	1	Kiheung Machine
23	Compressor	7.7Kw	1	Hanshin
24	Compressor	7.7Kw	1	Kumwon
25	Painting booth	4000X3000X2000	1	Self-production
26	High speed cutting machine	7H	1	Woosung Ind.
27	Grinding machine	3450rpm	1	Samji
28	Radial drilling machine	HCR-1100 etc	7	OGAWA etc
29	Drilling machine	KUD-550FP etc	6	KIWA etc
30	Hoist Crane	5Ton ~ 30 Ton	7	Gyungil



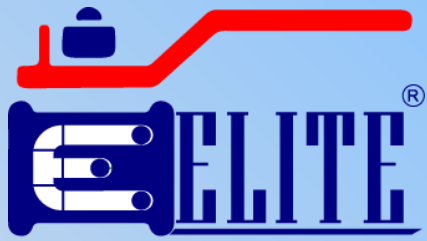
Manufacturing Equipment

No	Equipment	Type	Q'ty	Manuf'rer
1	Hydraulic Pressure Test Machine	0 ~ 25.0 Mpa (0.01Mpa)	1	JINSUNG
2	Hydraulic Pressure Test Machine	0 ~ 10.0 Mpa (0.01Mpa)	1	JINSUNG
3	Hydraulic Pressure Test Machine	0 ~ 15.0 Mpa	1	JINSUNG
4	Hydraulic Pressure Test Machine	0 ~ 15.0 Mpa	1	JINSUNG
5	Pressure Gauge	0 ~ 5Mpa (0.01Mpa)	2	OSUNG
6	Cryogenic Test Flume	-20°C~-196°C	1	Self-production
7	Operating Test Machine	0 ~ 380 V	1	Self-production
8	Vacuum Tester	5X10 ⁻⁴ torr	1	Woosung Vacuum
9	Ultrasonic Thickness Gauge	0~1500mm (1mm)	1	TIME
10	Thickness Gauge	0 ~ 1500 Um (0.1Um)	1	HANDO
11	Chemical Composition Analyzer	α-2000 AS	1	Innov-X Systems
12	Vibration Tester	0.001~4.000mm (± 5%)	1	LANDTEK
13	Adhesive Tester	3.5~70MPa (± 1%)	1	DeFelsko
14	Hardness Tester	200~900 Leeb (± 4L)	1	G&R
15	Noise Measuring Apparatus	65~130dB	1	TES
16	Torque Wrench	0 ~ 68.65N.m (0.1N.m)	1	KANON
17	Torque Wrench	0 ~ 560.N.m (0.1N.m)	1	KANON
18	Torque Wrench	0 ~ 2100 N.m (0.1N.m)	1	KANON
19	Vernier Calipers	0~2000mm etc (0.05mm)	5	MITUTOYO
20	Cylinder Gauge	50~100mm (0.01mm)	1	MITUTOYO
21	Dial Gauge	0~10mm (0.01mm)	1	MITUTOYO
22	Outside micrometer	200~225mm etc (0.01mm)	6	MITUTOYO
23	Height Gauge	0~300mm (0.02mm)	1	MITUTOYO
24	Tape measure	0~5000mm (1mm)	1	KOMELON
25	Thermometer	-50~70°C (1°C)	1	Hygro-Thermometer
26	Stop Watch	1/100th sec (1")	1	Stop Watch
27	Rubber Hardness Tester (D Type)	0 ~100HD (± 1HD)	1	TECLOCK
28	Rubber Hardness Tester (A Type)	0 ~100HD (± 1HD)	1	KORI SEIKI MFG



Manufacturing Equipment

No	Equipment	Type	Q'ty
1	High-Frequency Furnace	2t	2
2	High-Frequency Furnace	500 kg	2
3	Heat Treatment Furnace	2t	1
4	Crane	2.8t	5
5	Crane	2t	1
6	Blender mixer	Ø1700, Ø1500, Ø1400	4
7	Dust collector	30	1
8	Apron hanger	2t, 1t, 1t	3
9	Gauging	2000A, 1500A	3
10	Electric welder(AC/DC)	30 KW, 20 KW,10 KW	3
11	CO2 welder	500A	2
12	Argon welder	300A	2
13	High-Frequency Generator	220V	2
14	Compressors	50 HP, 20 HP, 20 HP	3
15	Transformers	2100 KW	1
16	Molding case		100 set
17	Scrap		80t
18	Sell Molding Machine	Semi-automatic	3
19	Excavators	5t	1
20	Chemical Composition Analyzer	BAIRD	1
21	Hardness Tester	2.8t	2
22	Universal material testing machine		1
23	VIBRATION METER		1
24	Sound Level METER	65 ~ 130dB	1
25	Cross Hatch Cutter	2mm	1
26	INFRARED THERMOMETER		1
27	ELCOMETER	0~1500µm	1



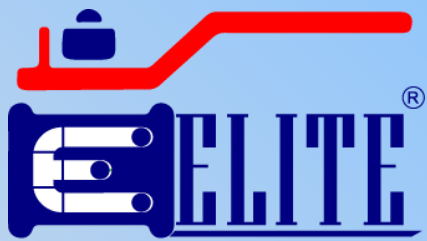
Manufacturing Equipment



Grinding M/C (Ball Only)
Capacity: 600 mm



Finishing machine (Ball Only)
Capacity: 600 mm



Manufacturing Equipment



NC Turning Mill / Capacity: 3400mm



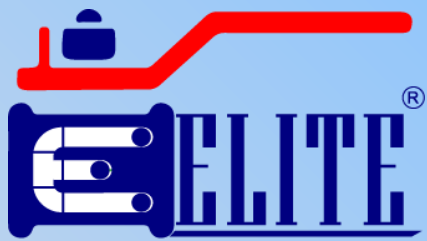
MCT / Capacity: 630mm



CNC / Capacity: 300mm



Radial / Capacity: 3200mm



Manufacturing Equipment



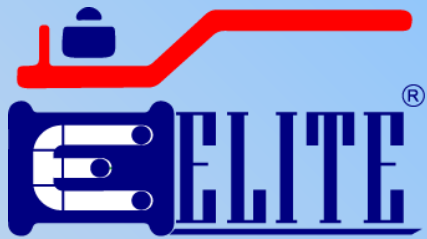
Machining Center
Capacity: 630 x
630mm



Turning Center
Capacity:
200mm



Horizontal Machining
Center Capacity: 2,000 x
1,800mm



Manufacturing Equipment

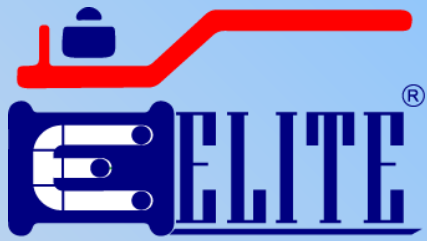


**CNC Vertical Lathe
Capacity: 1200mm**

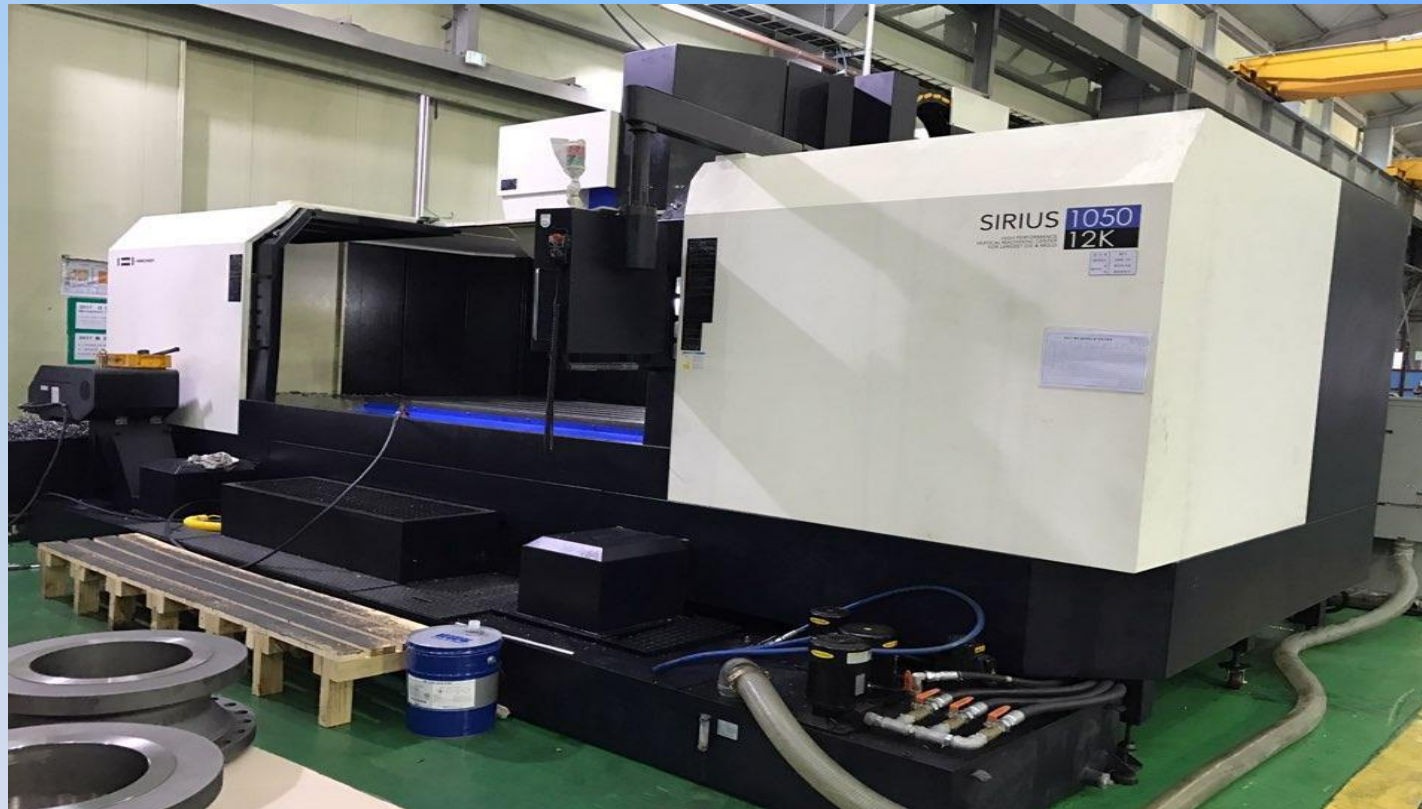


**CNC Vertical Turning Center
Capacity: 1650mm**





Manufacturing Equipment



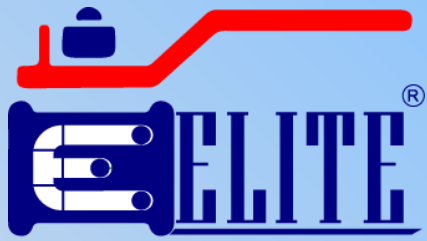
VERTICAL MACHINING CENTER
Capacity: 2,800 X 1,050 mm



Manufacturing Equipment



**Hydrostatic Pressure Tester / Max
DN2400 / 150LB~1500LB**



Manufacturing Equipment



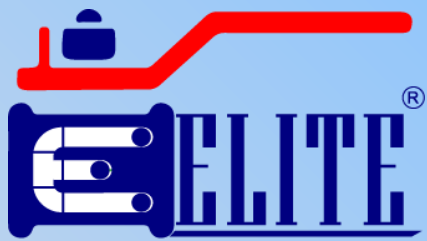
**Hydrostatic Pressure Tester / Max DN600 /
150LB~600LB**



Manufacturing Equipment



Vacuum Tester



Manufacturing Equipment



Hydrostatic Pressure Tester / 450 Ton



Micro Indiameter



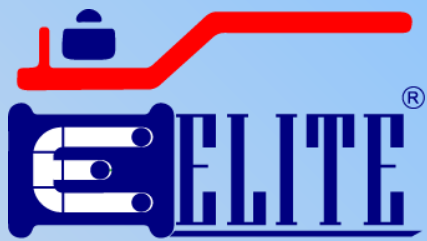
PMI Testing



High temperature testing



Portable hardness tester



Manufacturing Equipment



Torque Wrench



Precision Reference Specimen



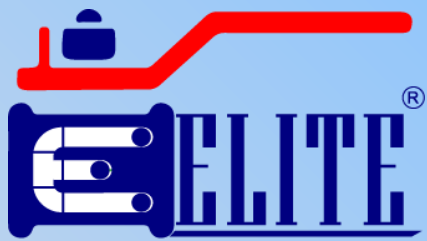
Coating Thickness Gauge



Analysis of Chemical Composition



Cryogenic Tester



Manufacturing Equipment



VIBRATION METER



Sound Level METER



Cross Hatch Cutter



ELCOMETER



INFRARED THERMOMETER



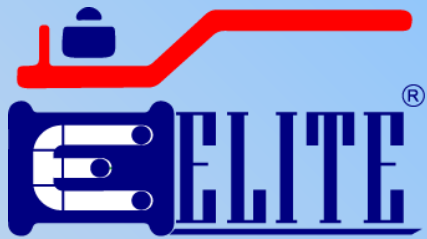
Internal Inspection / Pressure Testing



- **Internal Pressure Inspection**
- **Management Standard : Pressure duration & pressure gage**
- **Inspection Fluid : Water, Air, Nitrogen, Helium, etc.**



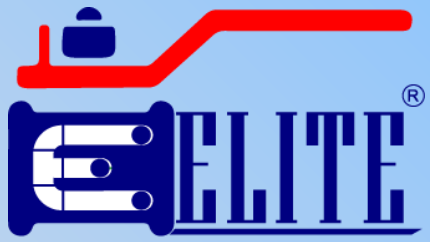
- **Seat leak test**
- **PMI (Positive Material Identification)**



Internal Inspection / Pressure Testing



- Inspection Pressure Gauge
- Management standard : Pressure Gauge Calibration
- Gauge range : ex)with 100K gauge pressure min. of 25K to max. 75K useable.



Painting



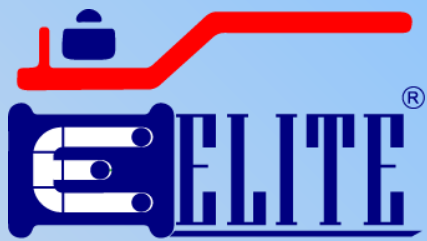
- Before Marking : Blasting and Cleaning



Packing & Delivery



- **Seaworthy / Export Standard for Exports**
- **Delivery to Port**



Major Customers



SINOPEC

ExxonMobil



National Iranian Gas Company



PDVSA

seplat

Seplat Petroleum Development Company Plc



LUKOIL

CargillTM



GREATER NILE PETROLEUM
OPERATING CO. LTD.

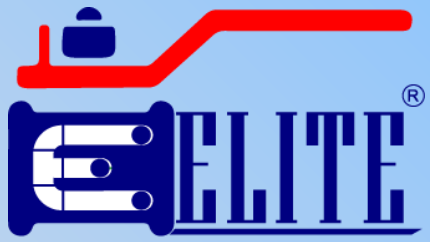
syngenta

LOTTE CHEMICAL



SAMSUNG

SAMSUNG C&T
Engineering & Construction Group



THANK YOU