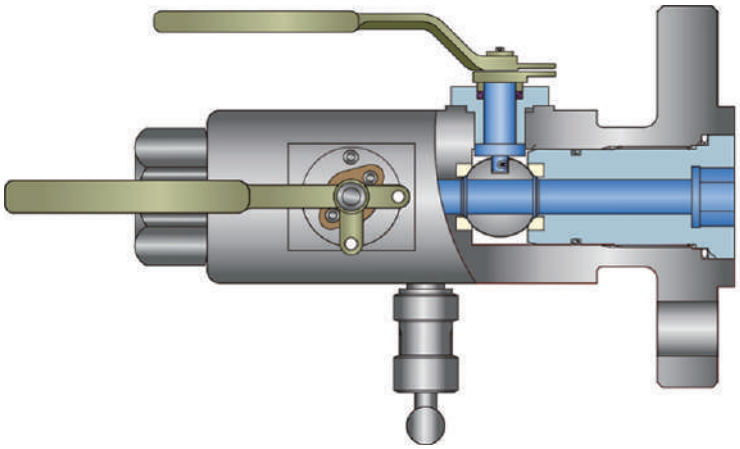
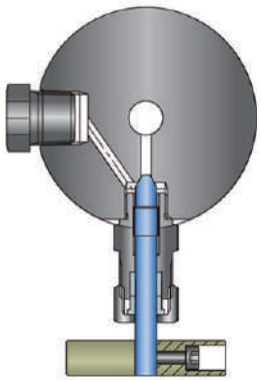
Elite FLOW CONTROL
WE CONTROL THE FLOW.

MODEL NO.:EFC-1/2BV1R6
Size:1/2″~6″(DN15~DN150)
Class:CL150~CL2500

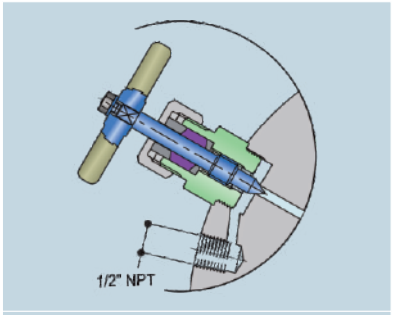
DOUBLE BLOCK AND BLEED BALL VALVE

FLOATING TYPE



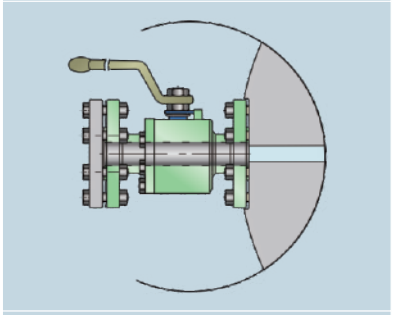


Bleeder Type:



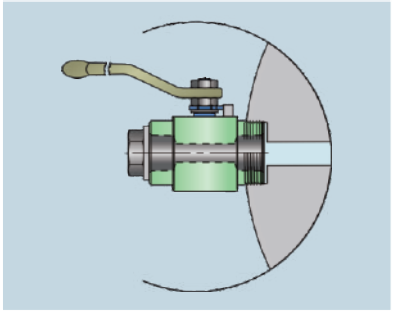
A
Standard Version:
Needle valve screwed into the valve body with 1/2" NPTF bleed.





B
Floating Ball Valve, Bolted to the valve body; that valve is provided with blind flange.





C
Floating Ball Valve, Screwed to the valve body; that valve is provided with plug.



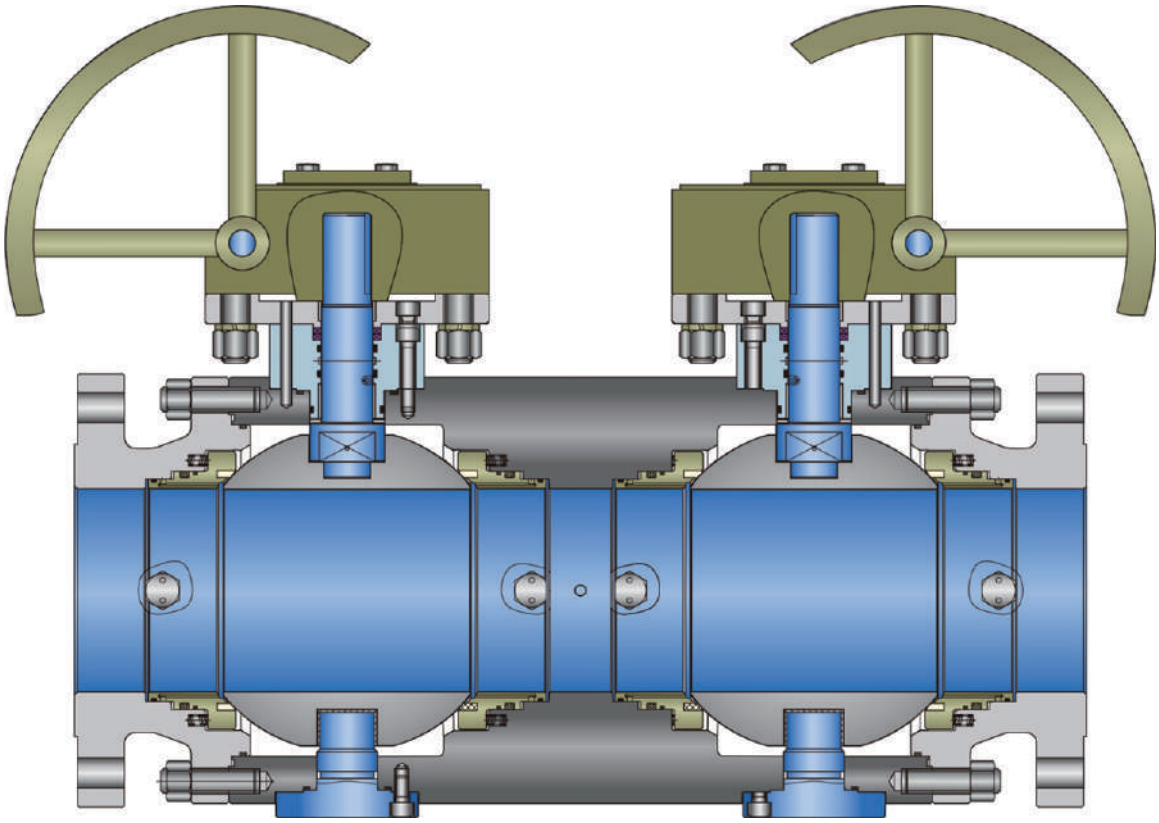
The material is according to ASTM Standard.
Model Denote:EFC=Elite Flow Control | 1/2=Size in inch | BV=Ball Valve | 1=150Lb | R=RF End | 6=Floating, DBB Type.

MODEL NO.:EFC-02BV1R7
Size:2″~24″(DN50~DN600)
Class:CL150~CL2500

Elite FLOW CONTROL
WE CONTROL THE FLOW.

DOUBLE BLOCK AND BLEED BALL VALVE

TRUNNION TYPE



PRODUCT RANGE				
SERVICE	CL150~600	CL900	CL1500	CL2500
FLOATING TYPE	1/2"~6"	1/2"~2"	1/2"~2"	1/2"~1"
TRUNNION TYPE	2"~24"	2"~24"	2"~24"	2"~12"

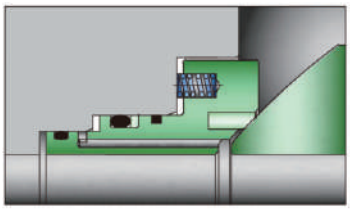
DESIGN FEATURES

- Forged Body
- Flange Connection according. to ASME B16.5
- Face to Face according. to supplier recommendation
- Lever lockable and removable,Gear box operation as Standard.Actuator mounting flanges,unless otherwise specified,are in full according with IS0 5211
- Soft Seat or Metal Seat
- Double Piston Effect
- Vent Connections:
  Integral Vent Valve-- Needle Type
  Screwed Bonnet or Flanged Bonnet
  Screwed Vent Valve--Ball Valve

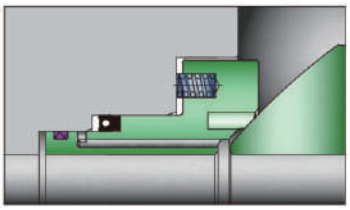
The material is according to ASTM Standard.
Model Denote:EFC=Elite Flow Control | 02=Size in inch | BV=Ball Valve | 1=150Lb | R=RF End | 7=Trunnion, DBB Type.

SEAT & SEAL DESIGN FEATURES

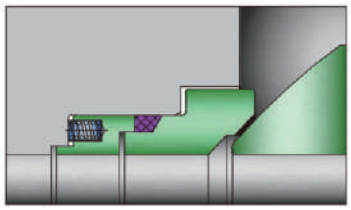
Standard



Low Temperature



High Temperature



Optional Seat Selections

Material	Operating Temperature	Operating Pressure	Description
PTFE	–80~120℃ –112~248°F	150LB	PTFE is a fluorocarbon–based polymer.This material has the lowest operational torques due to its lower coefficient of friction.
RPTFE	–80~120℃ –112~248°F	150~600LB	RPTFE(Reinforced PTFE). Properties are enhanced by adding a percentage of filler material to provide improved strength, stability, and wear resistance.
PCTFE	–190~120℃ –310~248°F	150~300LB	PCTFE is a thermoplastic chlorofluoropolymer,dimensionally stable, rigid, and resistant to cold flow,Very low gas permeation and outgassing,Low deformation under load
PPL	–45~250℃ –49~482°F	150~300LB	PPL (Polyparaphenylene) is an excellent seat material with low coefficient of friction, highly resistant to pressure and temperature.
NYLON	–29~80℃ –20~176°F	150~1500LB	Nylon is offered for high pressure applications. The material is ideal for use in high pressure air, oil, and other gas media but is not suitable for strong oxidizing agents
MOLON	–29~130℃ –20~266°F	150~1500LB	Molon is a modified Nylon(Nylon+MoS2),It's performance is similar to nylon, but the use temperature is higher than nylon
DEVLON	–50~150℃ –58~302°F	150~2500LB	Devlon is a polyamide with additives。This material covers a wide range of applications while having excellent wear poperties, low friction, and improved impact strength.
PEEK	–100~260℃ –148~500°F	150~2500LB	PEEK is a high performance engineered thermoplastic. It is excellent in water/chemical resistance and it is unaffected by continuous exposure to hot water/steam
Metal	As request	150~2500LB	Metal seat is usually used for high temperature, wear resistance, impact resistance, granular media conditions

Optional Seal Selections

Material	Operating Temperature	Operating Pressure	Description
EPDM	–46~150° C –50~302° F	150~600LB	EPDM is a type of synthetic rubber,have excellent chemical resistance to a variety of acids and alkalines, but can not resistant to petroleum conditions
NBR	–40~80° C –40~176° F	150~2500LB	NBR is typically resistant to mineral oil–based lubricants and greases, hydraulic fluids, hydrocarbons, and water.
HNBR	–40~80° C –40~176° F	150~2500LB	HNBR (Hydrogenated NBR) has similar media stability to NBR but with significantly better heat and oxidization stability.
HNBR AED	–40~80° C –40~176° F	600~2500LB	HNBR AED are typically used in high pressure applications encountered in the Oil and Gas industry.
VITON	–29~200° C –20~392° F	150~2500LB	VITON (fluorocarbon) is a fluorocarbon elastomer that is compatible with a broad range of chemicals,Viton offers excellent resistence to aggressive fuels and chemicals.
FVMQ	–60~177° C –76~351° F	150~2500LB	FVMQ is a silicone polymer chain ,this material is far more resistent to oils and fules than other silicones.