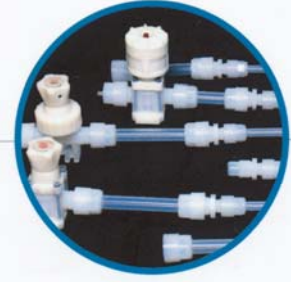


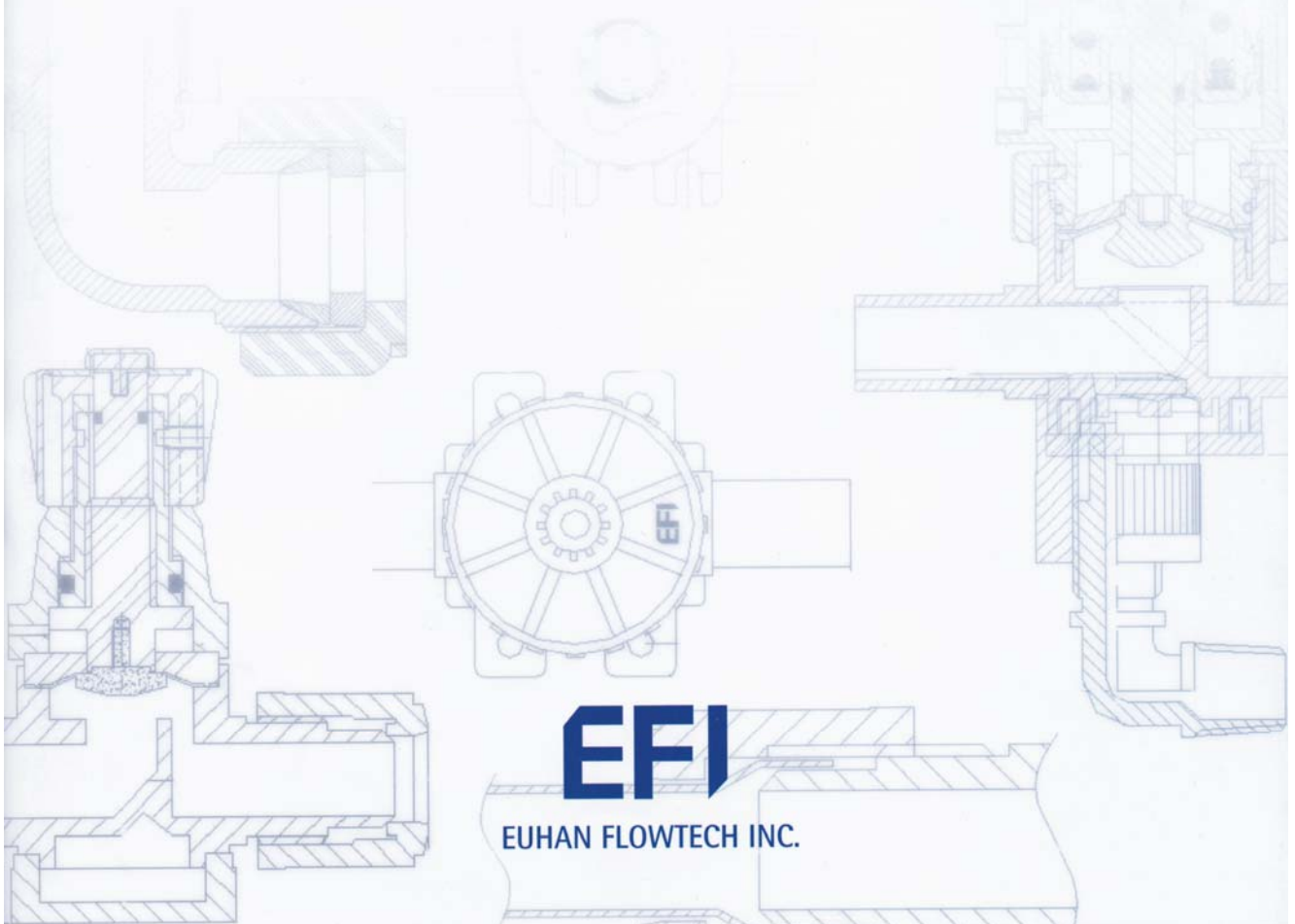
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www.euhan.com



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EU-TEK™**PFA Pneumatically Operated Diaphragm 2-Way Valves**

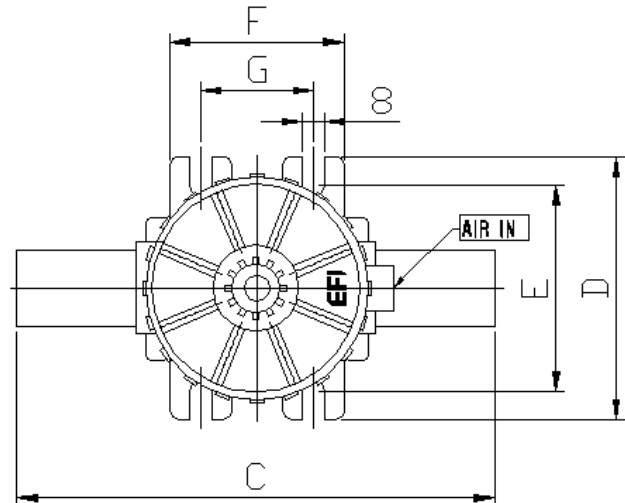
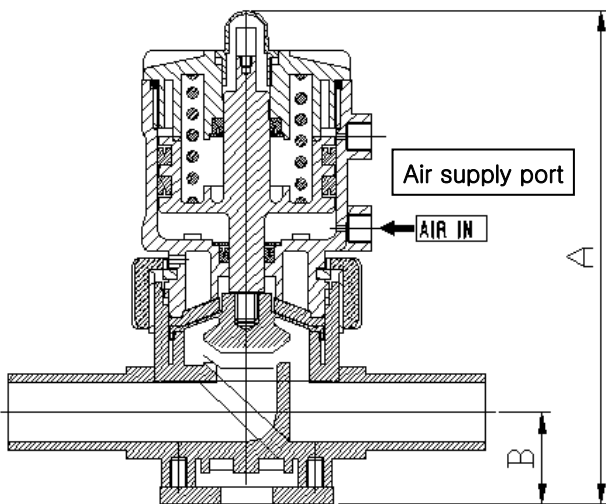
*. No external Metal parts for use in high corrosion chemical flow capabilities.
(조립시 spring을 제외하고 금속을 전혀 사용하지 않아 부식이 심한 화학약품을 사용하는 곳에 적합함.)

*. Compact Design.(간결한 설계)

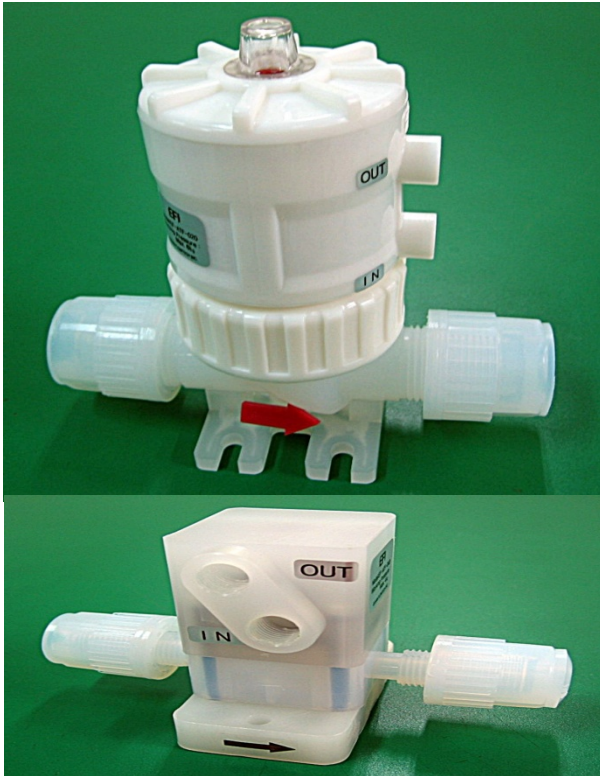
*. All wetted parts are molded PFA and PTFE providing chemical resistance to use in high purity, high corrosion chemical application.
(초 순수하고, 부식성 의약품에 사용할 수 있는 내화학적성을 제공하는 PFA 및 PTFE는 접액부에 사용함)

*. Molded and Assembled in a cleanroom
(크린룸 에서 조립되고 만들어짐.)

*. Leak detection capability
(Leak 여부를 바로 알 수 있음.)



Ordering Number	Flow Factor	Inlet	Outlet	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)
EF-ATP-015	5	1/2" PIPE	1/2" PIPE	149.3	27	150	65	47	55	34
EF-ATP-020	7	3/4" PIPE	3/4" PIPE	172.3	32	167.5	92	72	61	39.5
EF-ATP-025	12	1" PIPE	1" PIPE	192.7	32	180	92	72	61	39.5
EF-ATP-040	38	1-1/2" PIPE	1-1/2" PIPE	236.7	49	210	123	103	80	53.5
EF-ATP-050	57	2" PIPE	2" PIPE	241.1	59	220	150	120	100	70

EU-TEK™**PFA Pneumatically Operated Diaphragm 2-Way Valves**

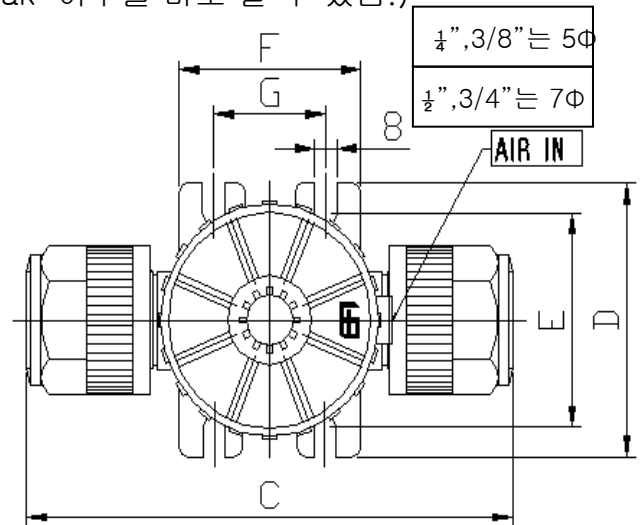
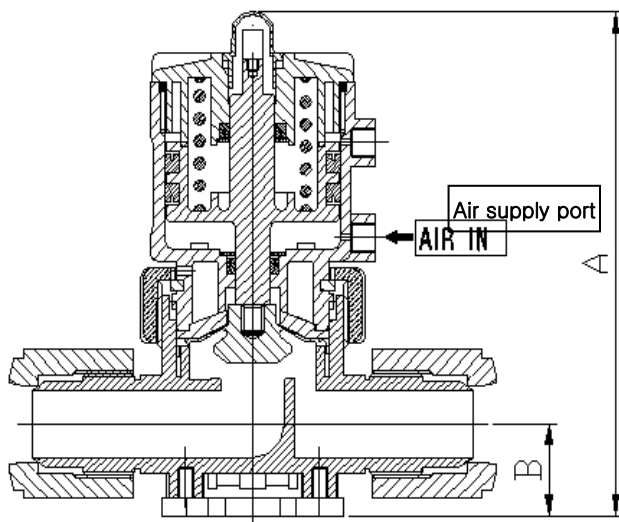
*.No external Metal parts for use in high corrosion chemical flow capabilities.
(조립시 spring을 제외하고 금속을 전혀 사용하지 않아 부식이 심한 화학약품을 사용하는 곳에 적합함.)

*. Compact Design.(간결한 설계)

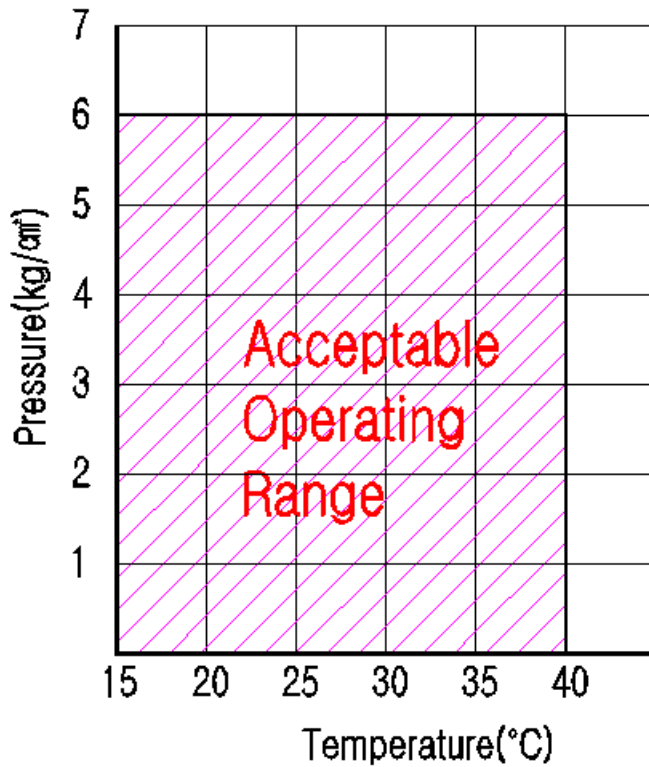
*. All wetted parts are molded PFA and PTFE providing chemical resistance to use in high purity, high corrosion chemical application.
(초 순수하고, 부식성 의약품에 사용할 수 있는 내화학성을 제공하는 PFA 및 PTFE는 접액부에 사용함)

*. Molded and Assembled in a cleanroom
(크린룸 에서 조립되고 만들어짐.)

*. Leak detection capability
(Leak 여부를 바로 알 수 있음.)



Ordering Number	Flow Factor	Inlet	Outlet	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)
EF-ATF-010	0.4	1/4" Tube	1/4"Tube	68	19.5	106.5	60	50	35	0
EF-ATF-012	1.5	3/8" Tube	3/8"Tube	71.6	21	111	60	50	35	0
EF-ATF-015	5	1/2"Tube	1/2"Tube	128	22	137.4	65	47	55	34
EF-ATF-020	7	3/4"Tube	3/4"Tube	149.3	26	150	65	47	55	34
EF-ATF-025	8	1" Tube	1"Tube	169.7	31	173.9	92	72	65	39.5
EF-ATF-040	19	1-1/2"Tube	1-1/2"Tube	236.2	49.5	245	123	103	80	53.5

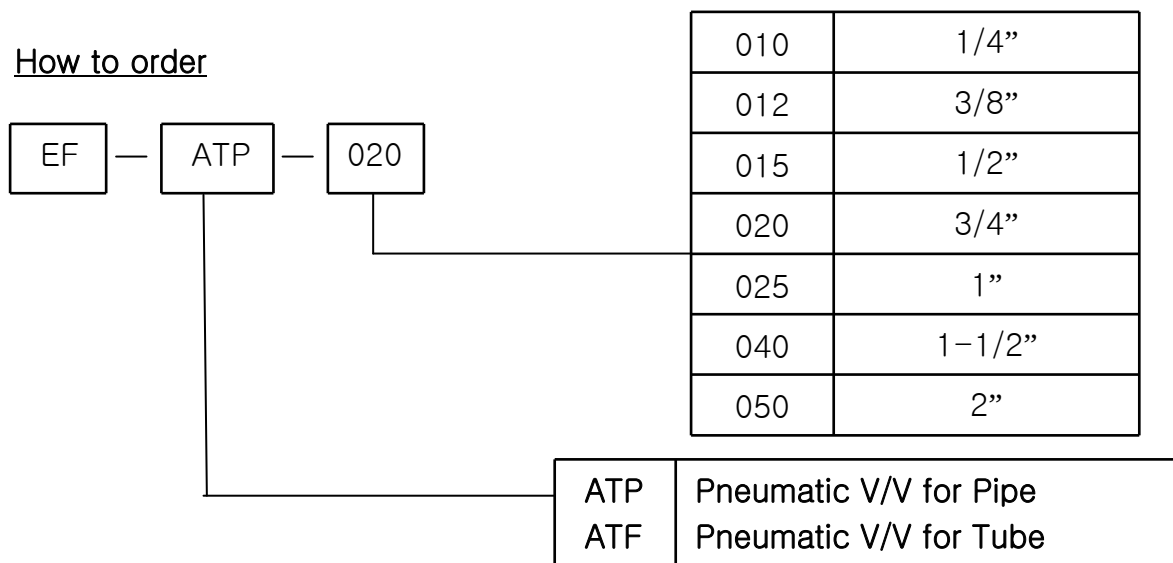


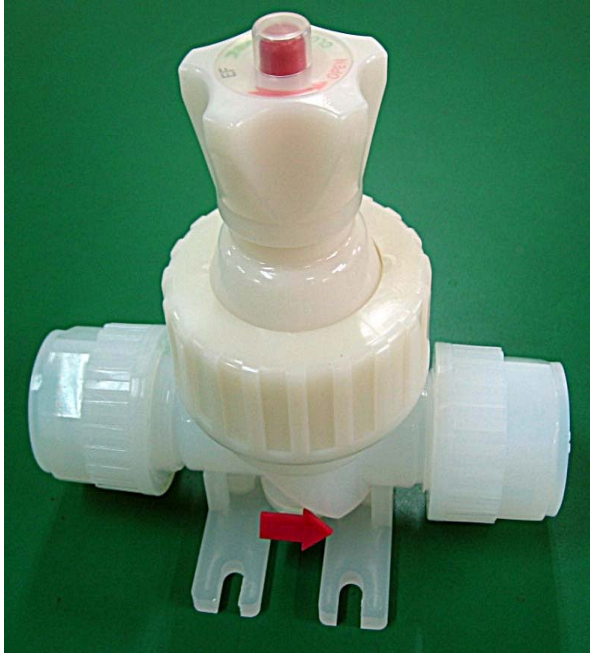
- o Working Pressure
 - Max. 6kg/cm² : 1/4" to 1"
 - Max. 4kg/cm² : 1-1/2" to 2"
- o Back Pressure:
 - Max. 6kg/cm² : 1/4" to 1"
 - Max. 4kg/cm² : 1-1/2" to 2"
- o Temperature range:
 - 15°C ~ 40°C
- o Pneumatic
 - Supply Pressure:
 - 4 kg/cm² To 6 kg/cm²
- o Pneumatic
 - Supply port: PF1/8

Materials : All wetted parts are PFA and PTFE.
 Exterior actuator parts are PVDF, Polycarbonate.
 Interior actuator parts are PVDF, Viton, Stainless steel.

Note: 예상되는 Diaphragm cycle 수는 300,000cycle 이며, 실제 V/V의 수행 능력은 온도와 압력에 따라 변경 될 수 있음.

How to order



EU-TEK™**PFA Manually Operated Diaphragm 2-Way Valves**

*.The MFS valves are assembled PFA, PVDF and P.C molded parts Providing chemical resistance for use in corrosion chemical and especially external corrosive fume

(조립 시 금속을 전혀 사용하지 않아 특히 내, 외부 부식이 심한 화학약품을 사용하는 곳에 적합함.)

*. Compact Design.(간결한 설계)

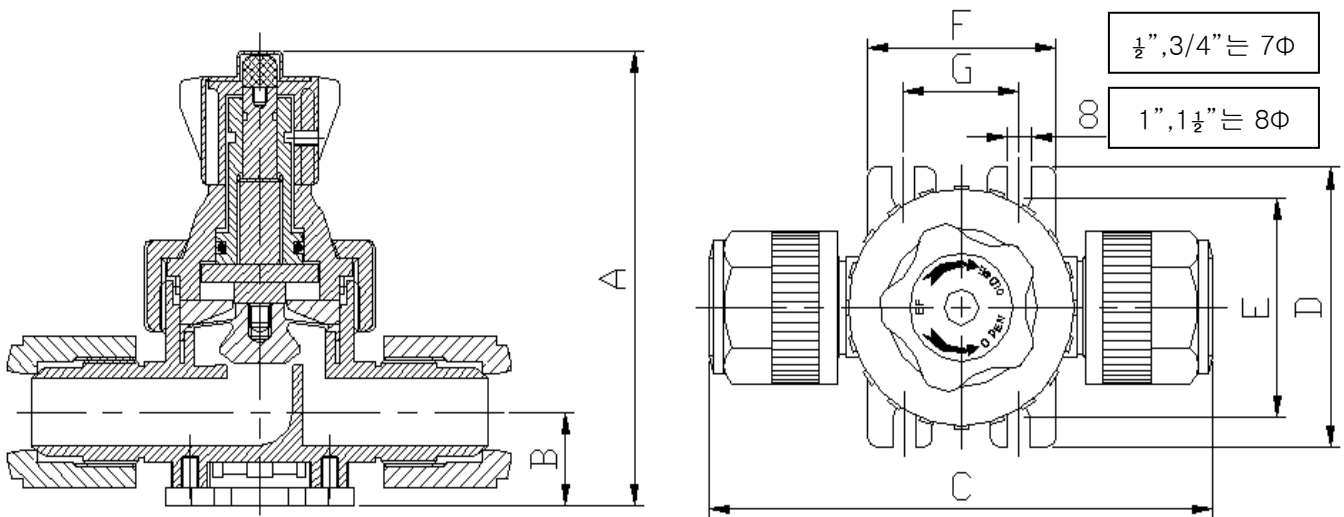
*. All wetted parts are molded PFA and PTFE providing chemical resistance to use in high purity, high corrosion chemical application.

(초 순수하고, 부식성 약품에 사용할 수 있는 내화 특성을 제공하는 PFA 및 PTFE는 접액부에 사용함)

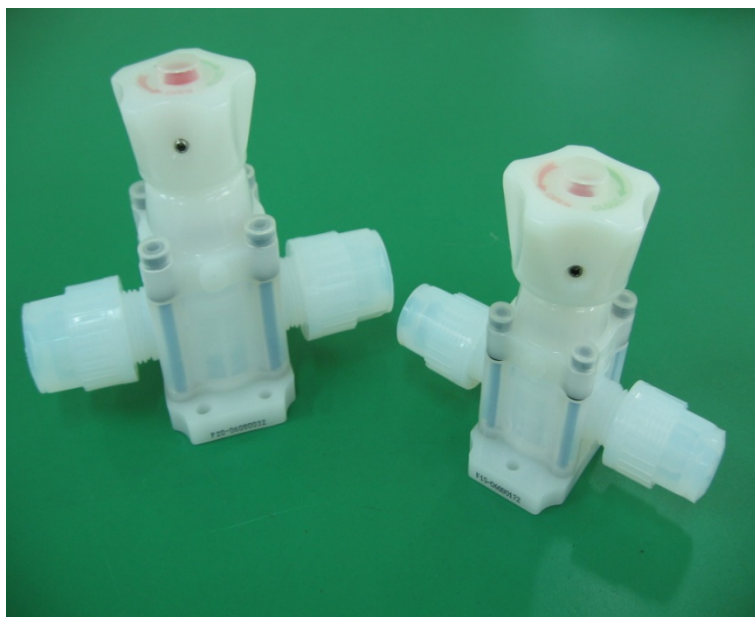
*. Molded and Assembled in a cleanroom (크린룸 에서 조립되고 만들어짐.)

*. Leak detection capability (Leak 여부를 바로 알 수 있음.)

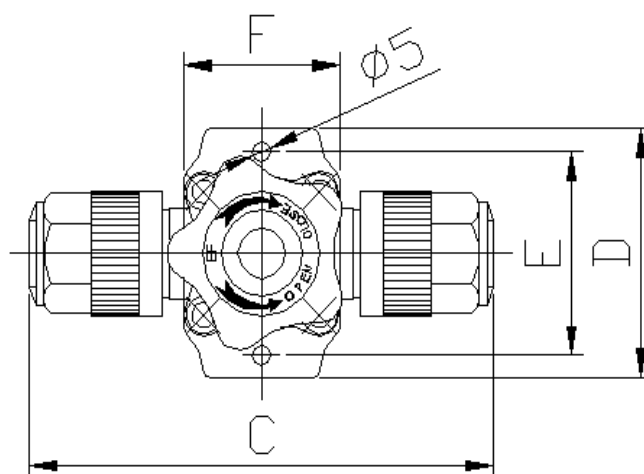
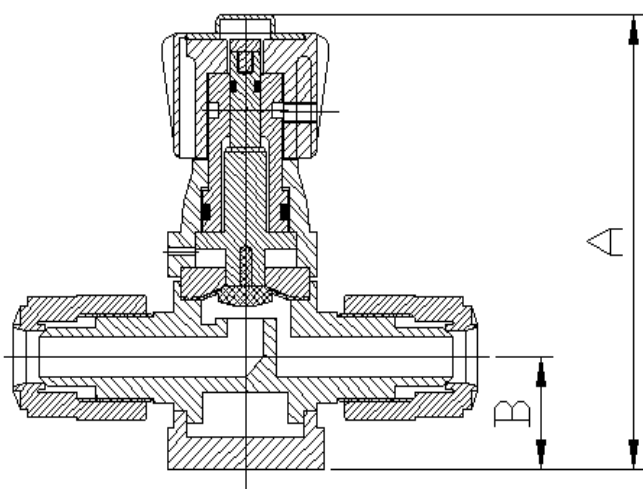
*. No using metallic parts (금속이 없이 조립됨.)



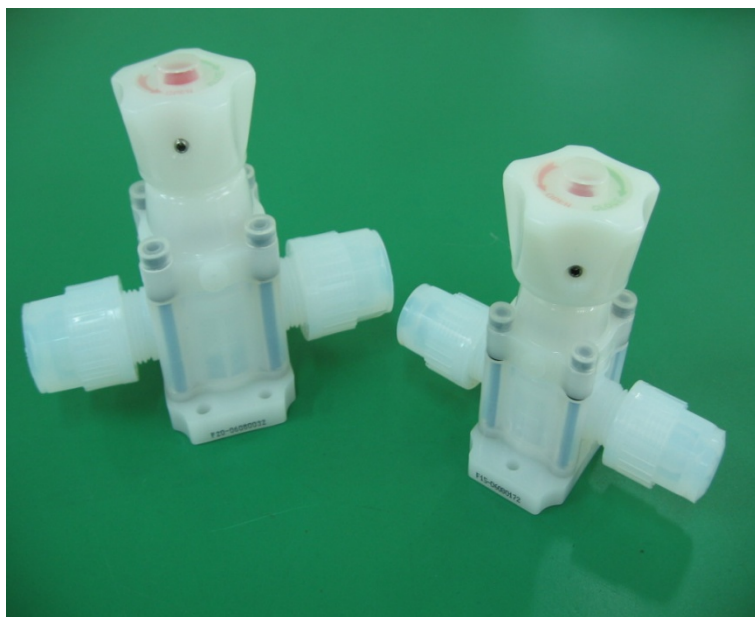
Ordering Number	Inlet	Outlet	FLOW FACTOR	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)
EF-MFS-015	1/2"	1/2" Tube	5	108	22	137.4	65	47	55	34
EF-MFS-020	3/4"	3/4" Tube	7	126.3	26	150	65	47	55	34
EF-MFS-025	1"	1" Tube	8	149.6	31	158	92	74.2	65	39.5
EF-MFS-040	1 1/2"	1 1/2" Tube	19	212	48.5	230	123	103	80	53.5

EU-TEK™**PFA MANUAL VALVE OPERATED 2-WAY VALVE**

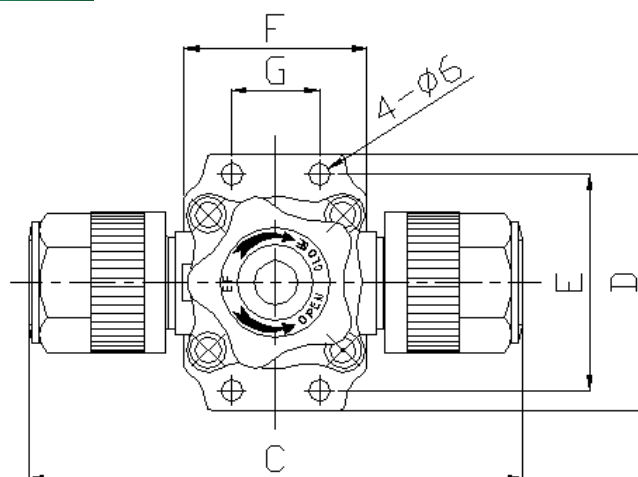
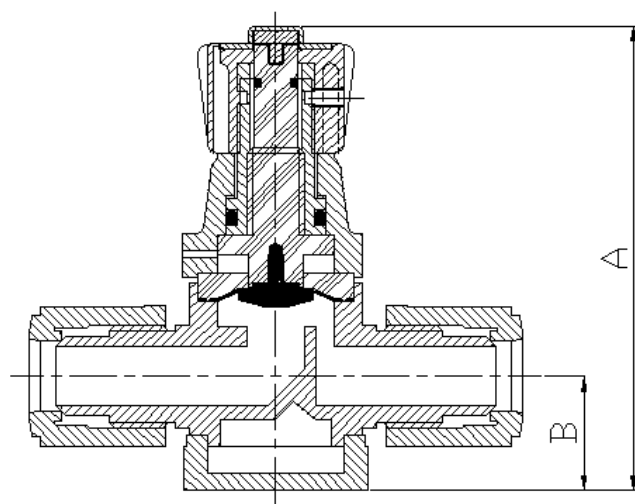
- o Compact Design
- o All wetted parts are molded PFA and PTFE Diaphragm to use in high purity, high corrosive handling application.
- o Molded and assembled in a class 100 clean room
- o Leak detection capability
- o No external metallic parts.



Ordering Number	Orifice Size	Flow Factor	Inlet	Outlet	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
EF-MF-010V	3	0.4	1/4"	1/4"	76	19.5	105.3	60	50	35
EF-MF-012V	8	1.5	3/8"	3/8"	80	21.1	107	60	50	35
EF-MF-015V	10	2.3	1/2"	1/2"	110	27	119	60	50	40

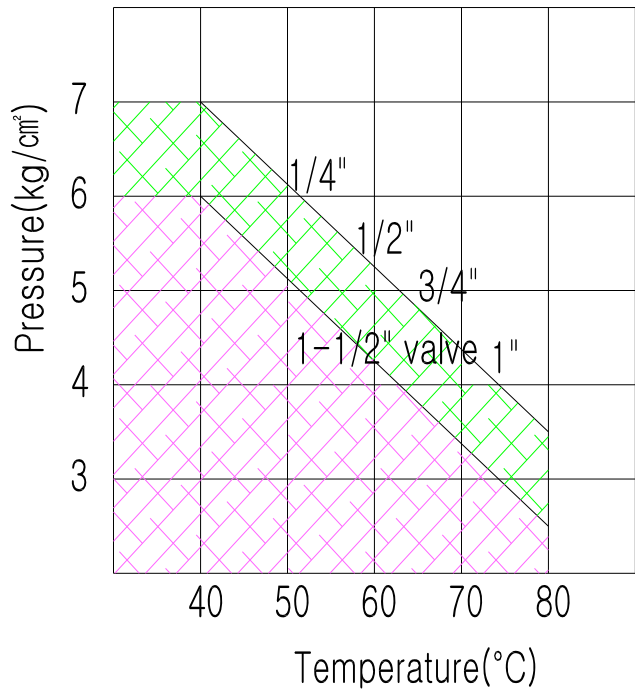
EU-TEK™**PFA MANUAL VALVE OPERATED 2-WAY VALVE**

- o Compact Design
- o All wetted parts are molded PFA and PTFE Diaphragm to use in high purity, high corrosive handling application.
- o Molded and assembled in a class 100 clean room
- o Leak detection capability
- o No external metallic parts.



Ordering Number	Orifice Size	Flow Factor	Inlet	Outlet	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)
EF-MF-020V	16	4.5	3/4"	3/4"	126.3	31	135	70	59	50	24
EF-MF-2015V	16	2.3	3/4"	1/2"	126.3	31	130.9	70	59	50	24
EF-MF-025V	20	7	1"	1"	132	31	159	100	79	54	28

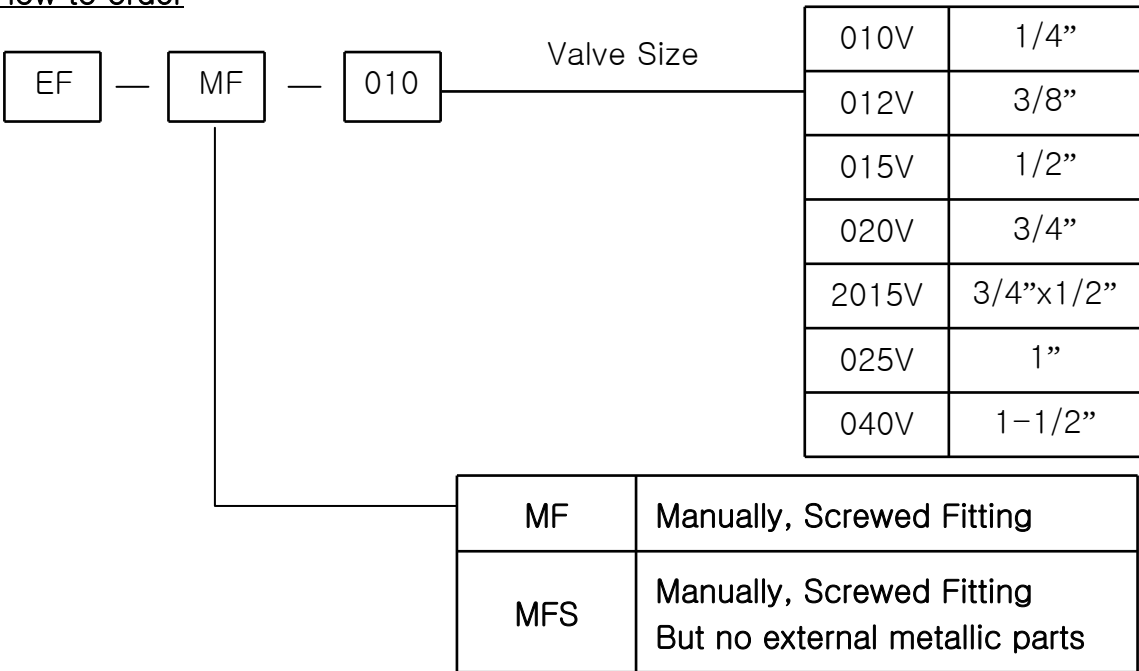
Technical Specification

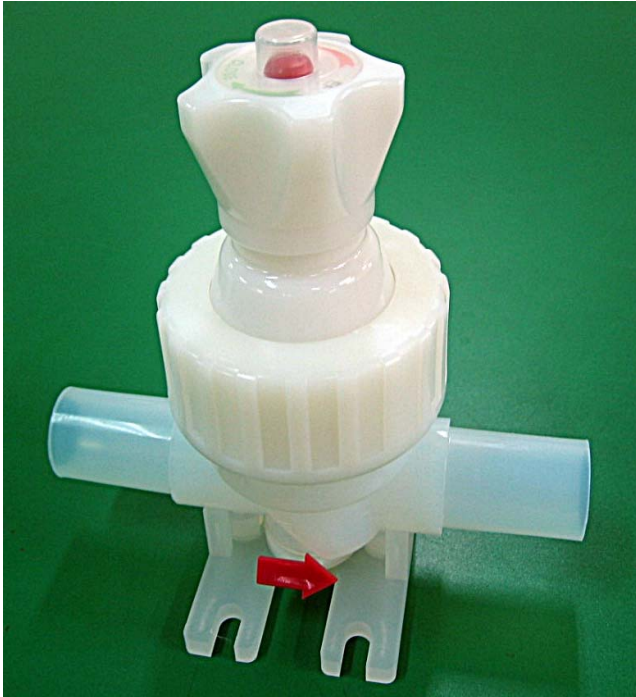


- o Working Pressure
Max. 7kg/cm² : 1/4" to 1"
Max. 6kg/cm² : 1-1/2"
- o Back Pressure
Max. 7kg/cm² : 1/4" to 1"
Max. 6kg/cm² : 1-1/2"
- o Working Temperature
0° to 40°C : Ambient
0° to 80°C : Fluid

Materials : All wetted parts are PFA HP
Material for Diaphragm is PTFE
Exterior actuator parts are PVDF

How to order



EUBOND™**PFA MANUAL VALVE OPERATED 2-WAY VALVE**

*. The MFS valves are assembled PFA, PVDF and P.C molded parts Providing chemical resistance for use in corrosion chemical and especially external corrosive fume

(조립 시 금속을 전혀 사용하지 않아 특히 내, 외부 부식이 심한 화학약품을 사용하는 곳에 적합함.)

*. Compact Design.(간결한 설계)

*. All wetted parts are molded PFA and PTFE providing chemical resistance to use in high purity, high corrosion chemical application.

(초 순수하고, 부식성 약품에 사용할 수 있는 내화학성을 제공하는 PFA 및 PTFE는 접액부에 사용함)

*. Molded and Assembled in a cleanroom

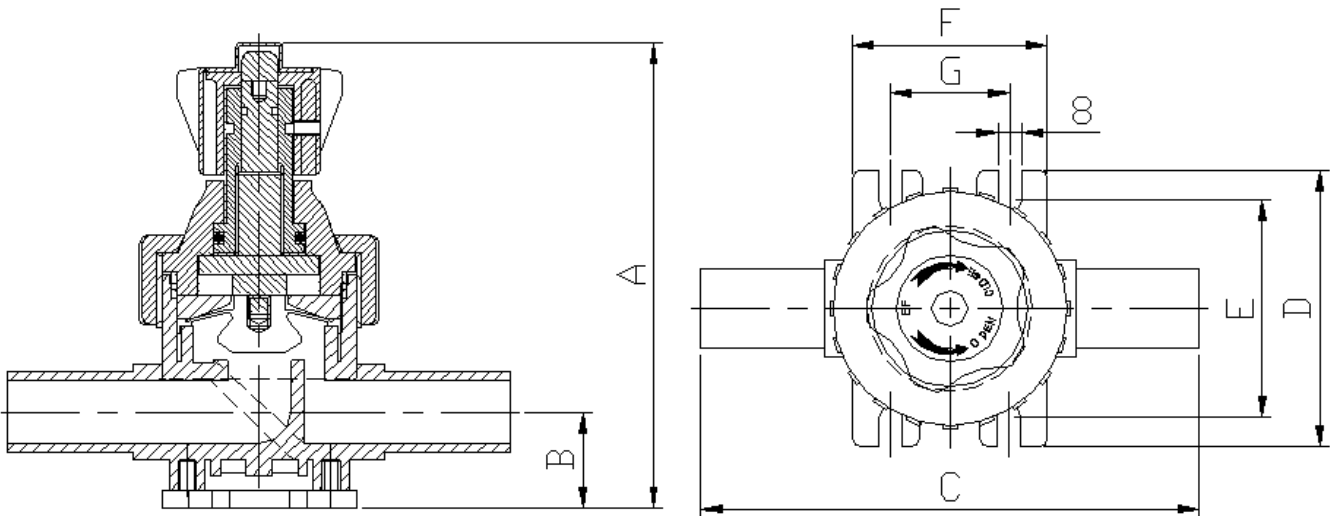
(크린룸 에서 조립되고 만들어짐.)

*. Leak detection capability

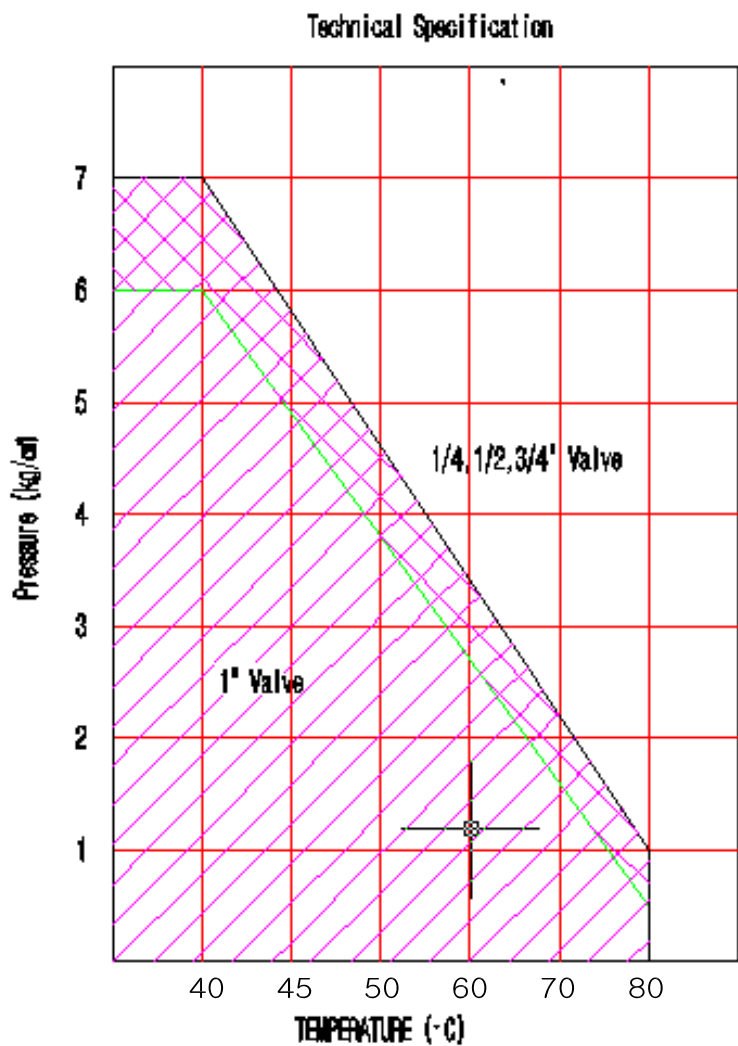
(Leak 여부를 바로 알 수 있음.)

*. No using metallic parts

(금속이 없이 조립됨.)



Ordering Number	Orifice Size	Flow Factor	Inlet	Outlet	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)
EF-MPS-015	15	5	1/2"	1/2"	127.3	27	150	65	47	55	34
EF-MPS-020	19	7	3/4"	3/4"	152	31	166	65	39.5	92	72
EF-MPS-025	25	12	1"	1"	190.7	35	180	61	39.5	92	72
EF-MPS-040	40	38	1-1/2"	1-1/2"	209	49	210	80	53.5	123	103
EF-MPS-050	51	57	2"	2"	234.5	59	220	150	120	100	70



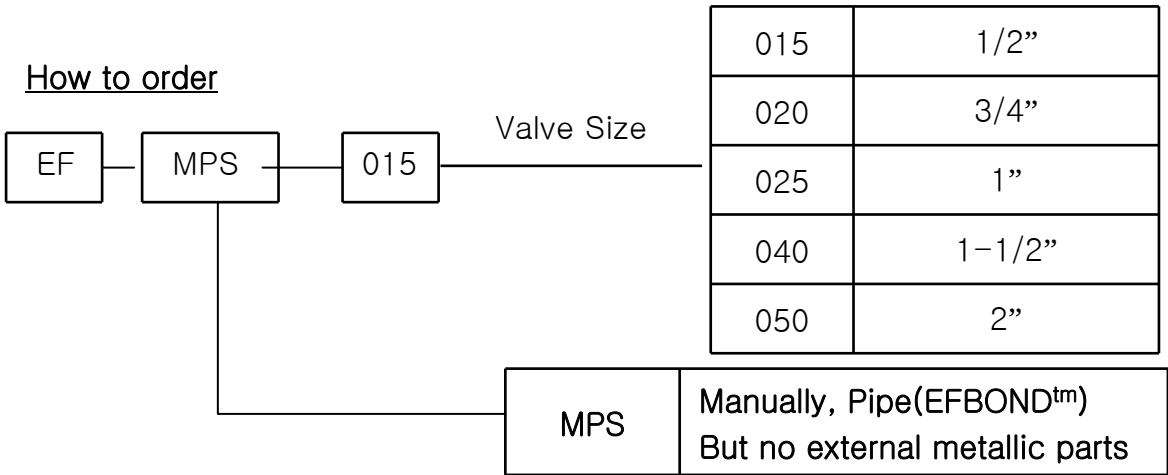
- o Working Pressure
 - Max. 7kg/cm² : 1/4" to 3/4"
 - Max. 6kg/cm² : 1" to 2"

- o Back Pressure
 - Max. 7kg/cm² : 1/4" to 3/4"
 - Max. 6kg/cm² : 1" to 2"

- o Working Temperature
 - 0° to 40°C : Ambient
 - 0° to 80°C : Fluid

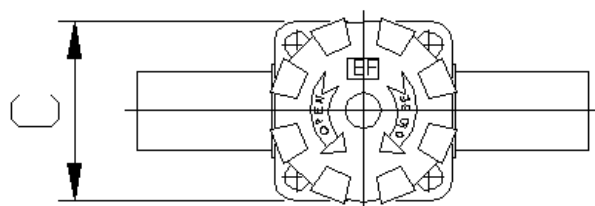
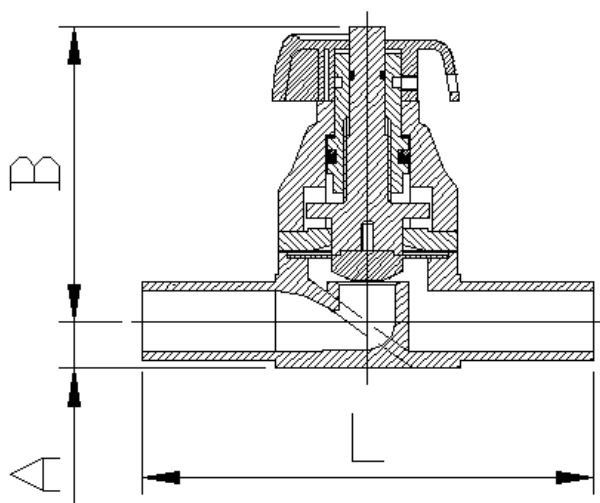
Materials : All wetted parts are PFA HP
and PTFE Diaphragm.
Material for Diaphragm is new PTFE.
Exterior actuator parts are PVDF

How to order

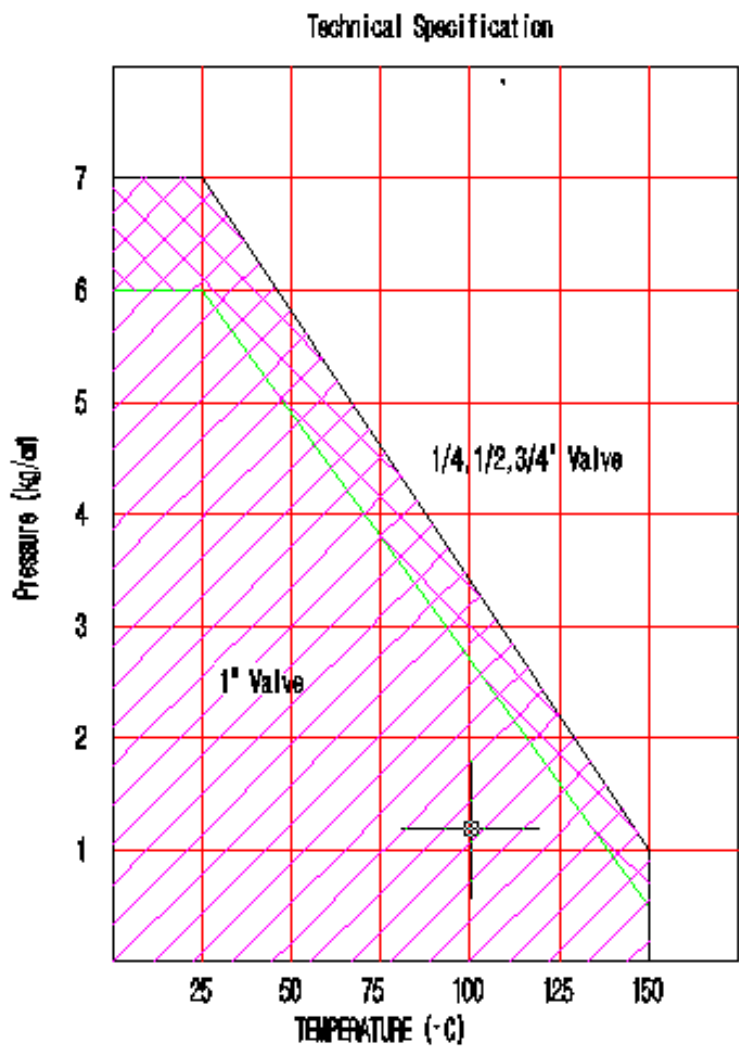


EUBOND™**PFA MANUAL VALVE OPERATED 2-WAY VALVE**

- o Compact Design
- o All Wetted parts are molded PFA and PTFE Diaphragm to use in high purity, high corrosive handling application.
- o Molded and assembled in a class 100 clean room.
- o Leak detection capability
- o No external metallic parts.



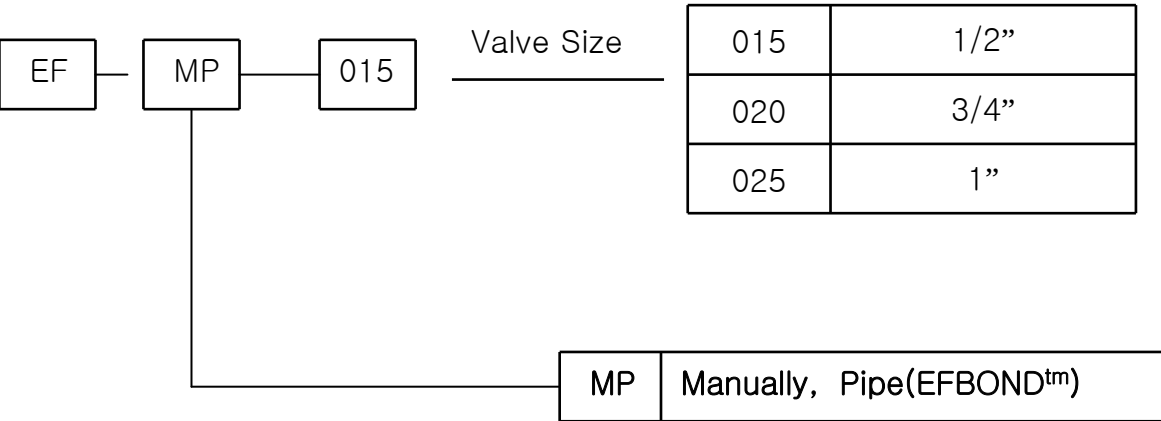
Ordering Number	Orifice (mm)	Flow Factor	Inlet	Outlet	A mm	B mm	L mm
EF-MP-015	15	5	1/2"	1/2"	12.20	91.8	140
EF-MP-020	19	7	3/4"	3/4"	25.85	101.0	152
EF-MP-025	25	12	1"	1"	18.50	121.6	180



- o Working Pressure
 - Max. 7kg/cm² : 1/4" to 3/4"
 - Max. 6kg/cm² : 1"
- o Back Pressure
 - Max. 7kg/cm² : 1/4" to 3/4"
 - Max. 6kg/cm² : 1"
- o Working Temperature
 - 0° to 50°C : Ambient
 - 0° to 90°C : Fluid

Materials : All wetted parts are PFA HP
and PTFE Diaphragm.
Material for Diaphragm is new PTFE.
Exterior actuator parts are PVDF

How to order



EU-TEK™**PFA Manually Operated Diaphragm 3-Way Valves**

*.The MFS valves are assembled PFA, PVDF and P.C molded parts Providing chemical resistance for use in corrosion chemical and especially external corrosive fume

(조립 시 금속을 전혀 사용하지 않아 특히 내, 외부 부식이 심한 화학약품을 사용하는 곳에 적합함.)

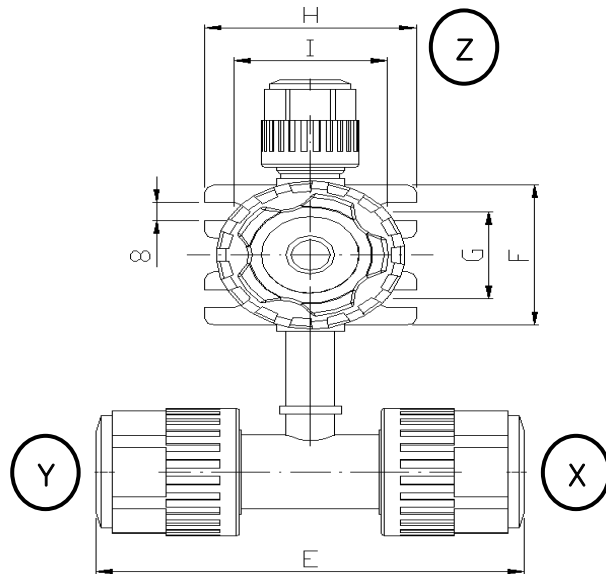
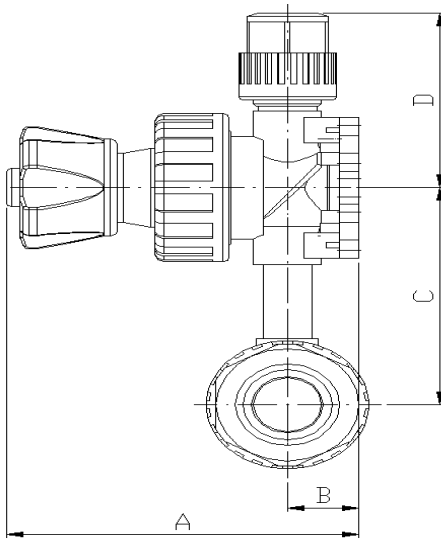
*. Compact Design.(간결한 설계)

*. All wetted parts are molded PFA and PTFE providing chemical resistance to use in high purity, high corrosion chemical application.
(초 순수하고, 부식성 약품에 사용할 수 있는 내화학성을 제공하는 PFA 및 PTFE는 접액부에 사용함)

*. Molded and Assembled in a cleanroom
(크린룸 에서 조립되고 만들어짐.)

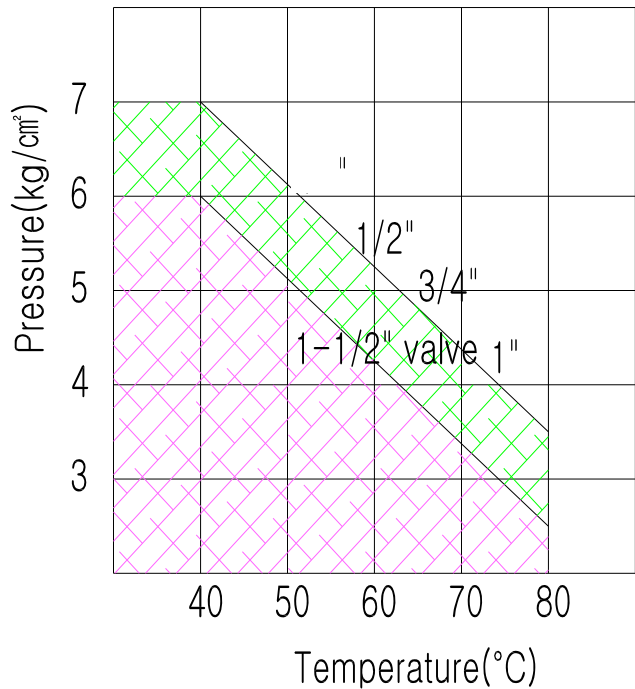
*. Leak detection capability
(Leak 여부를 바로 알 수 있음.)

*. No using metallic parts
(금속이 없이 조립됨.)



Ordering Number	Y	Z	X	FLOW FACTOR	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
EF-T-MFS-01508	1/2"	1/2"	1/2"	5	108	22	75	69	112	65	47	55	34
EF-T-MFS-01512	3/4"	1/2"	3/4"	5	108	22	75	69	122	65	47	55	34
EF-T-MFS-02012	3/4"	3/4"	3/4"	7	126.3	26	75	75	122	65	47	55	34
EF-T-MFS-01516	1"	1/2"	1"	5	108	22	80	69	146	65	47	55	34
EF-T-MFS-02016	1"	3/4"	1"	7	126.3	26	80	75	146	65	47	55	34
EF-T-MFS-02516	1"	1"	1"	8	149.6	31	90	87	146	92	74.2	65	39.5
EF-T-MFS-02024	1-1/2"	3/4"	1-1/2"	7	126.3	48.5	100	75	225	65	47	55	34
EF-T-MFS-02524	1-1/2"	1"	1-1/2"	8	149.6	31	100	87	225	92	74.2	65	39.5

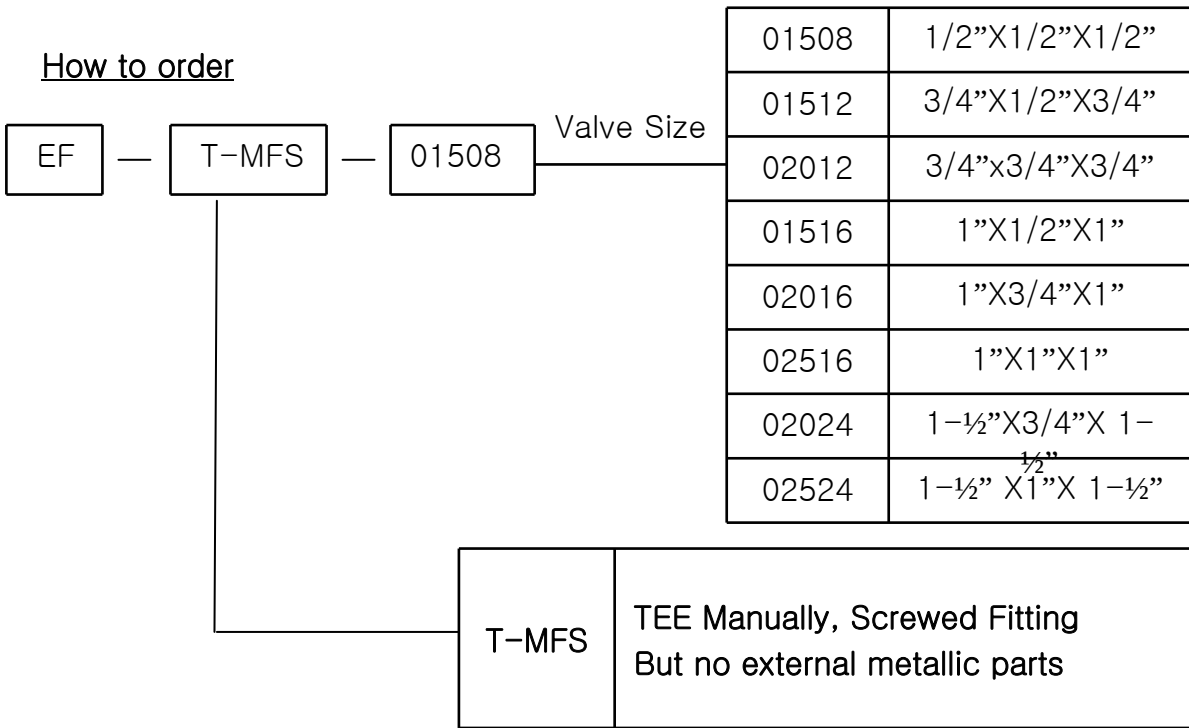
Technical Specification



- o Working Pressure
 - Max. 7kg/cm² : 1/2" to 1"
 - Max. 6kg/cm² : 1-1/2"
- o Back Pressure
 - Max. 7kg/cm² : 1/2" to 1"
 - Max. 6kg/cm² : 1-1/2"
- o Working Temperature
 - 0° to 40°C : Ambient
 - 0° to 80°C : Fluid

Materials : All wetted parts are PFA HP
Material for Diaphragm is PTFE
Exterior actuator parts are PVDF

How to order



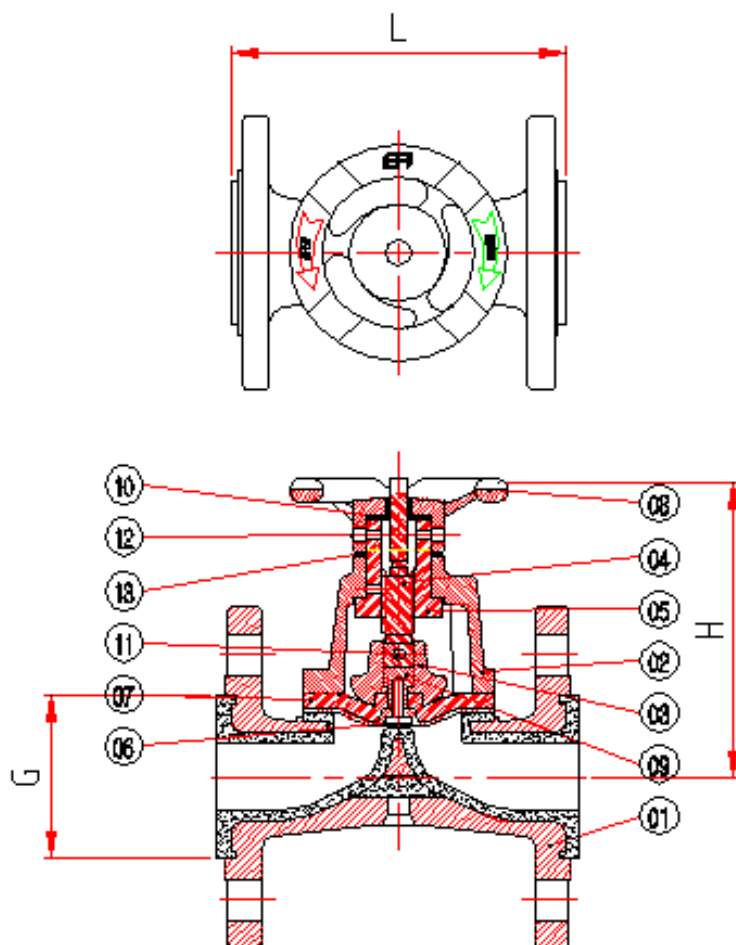
PUREFLO™

PFA LINED PRODUCTS.



PUREFLO™**PFA LINED PRODUCTS.**

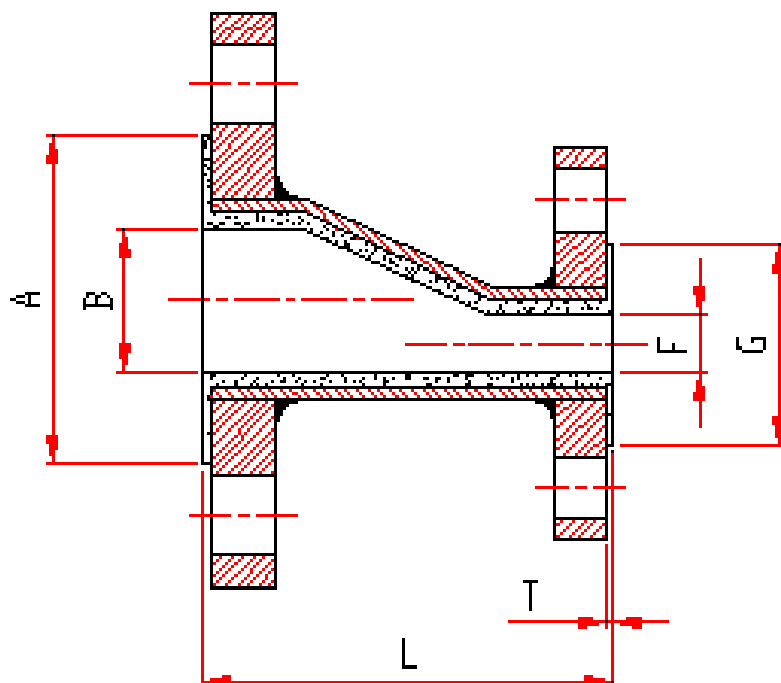
PUREFLO PFA LINED PRODUCTS are suitable for high purity, high corrosive Chemical handling applications in the semiconductor, chemical and other Industries.



번호	부 품 명	재 질
01	BODY	SCS13
02	BONNET	SCS13
03	PUSHER	SCS13
04	SPINDLE	SUS304
05	SLEEVE	BRASS
06	DIAPHRAGM	PTFE
07	RUBBER	EPDM
08	HANDLE	SCS13
09	LOOSE NUT	BRASS
10	PTFE RING	PTFE
11	고정핀	SUS304
12	SET SCREW	SUS304
13	WASHER	BRASS
14	BOLT	SUS304
15	NUT	SUS304

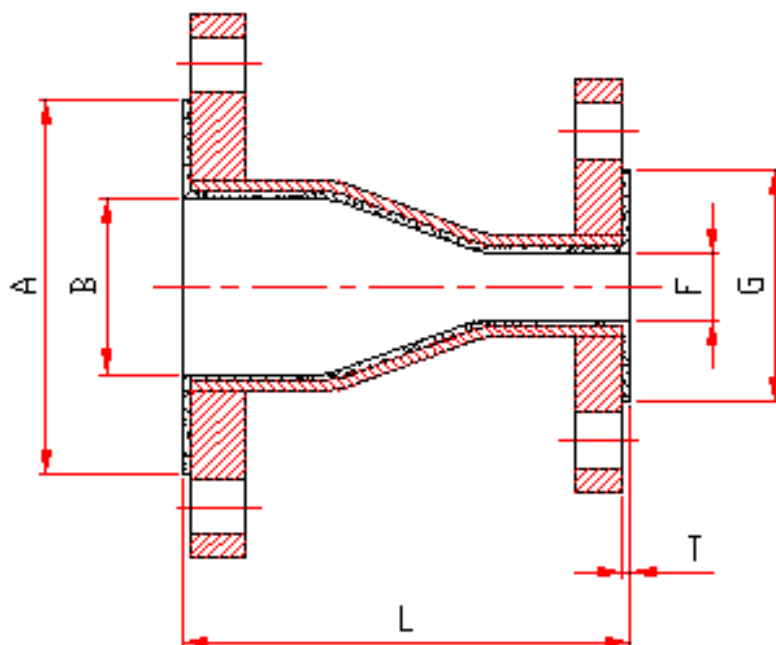
PFA LINED DIAPHRAGM VALVE

ORDERING NUMBER	NOMINAL SIZE		G (mm)	L (mm)	H (mm)
	JIS-10K	ANSI-150Lbs			
LDV-015	15A	1/2"	48	114	88
LDV-020	20A	3/4"	53	123	99
LDV-025	25A	1"	63	133	109
LDV-040	40A	1-1/2"	73	165	137
LDV-050	50A	2"	91	196	152.5



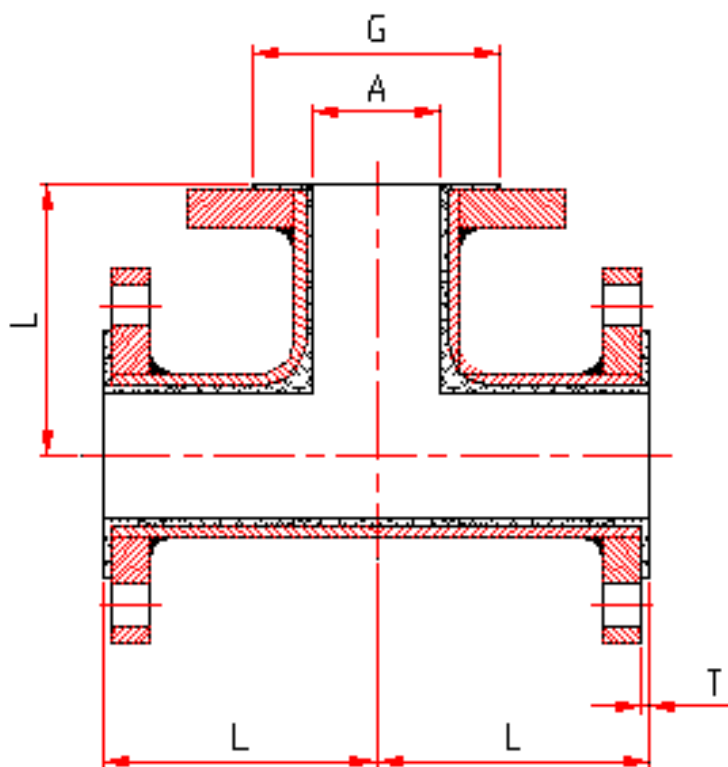
PFA LINED ECC. REDUCER

ORDERING NUMBER	Nominal Size		A (mm)	B (mm)	F (mm)	G (mm)	L (mm)	T (mm)
	JIS-10K	ANSI-150Lbs						
LER-2520	25Ax20A	1"x3/4"	58	21	16	50	100	3.0
LER-4020	40Ax20A	1-1/2"x3/4"	78	36	16	50	100	3.0
LER-4025	40Ax25A	1-1/2"x1"	78	36	21	58	100	3.0
LER-5020	50Ax20A	2"x3/4"	92	46	16	50	100	3.0
LER-5025	50Ax25A	2"x1"	92	46	21	58	100	3.0
LER-5040	50Ax40A	2"x1-1/2"	92	46	36	78	100	3.0



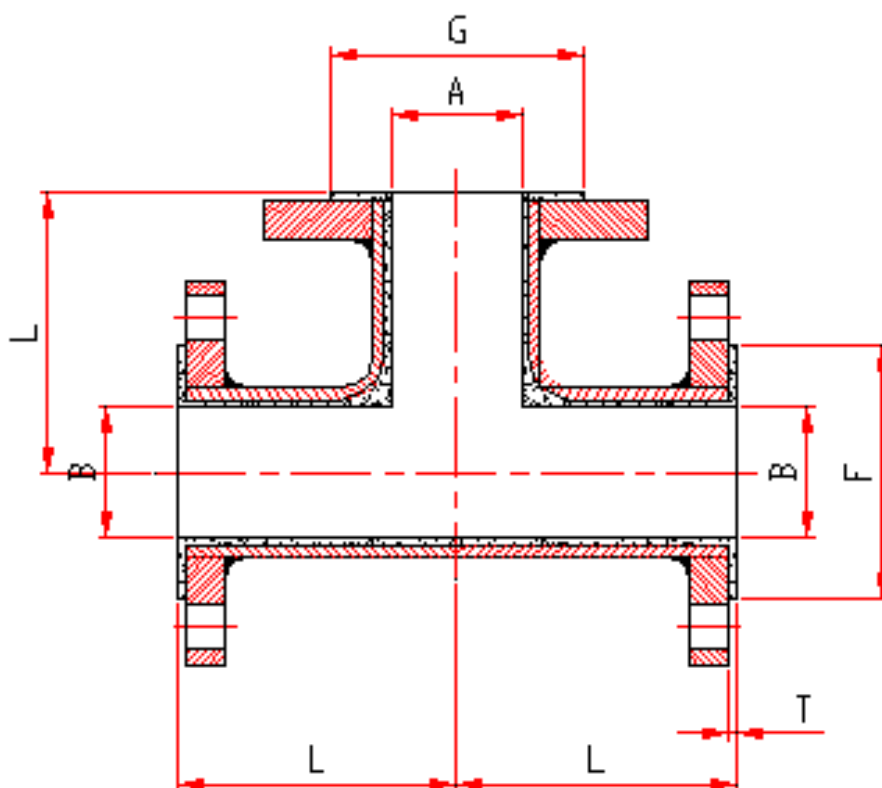
PFA LINED CON. REDUCER

ORDERING NUMBER	Nominal Size		A (mm)	B (mm)	F (mm)	G (mm)	L (mm)	T (mm)
	JIS-10K	ANSI-150Lbs						
LR-2520	25Ax20A	1"x3/4"	58	21	16	50	100	3.0
LR-4020	40Ax20A	1-1/2"x3/4"	78	35	16	50	100	3.0
LR-4025	40Ax25A	1-1/2"x1"	78	35	21	58	100	3.0
LR-5020	50Ax20A	2"x3/4"	92	46	16	50	100	3.0
LR-5025	50Ax25A	2"x1"	92	46	21	58	100	3.0
LR-5040	50Ax40A	2"x1-1/2"	92	46	36	78	100	3.0



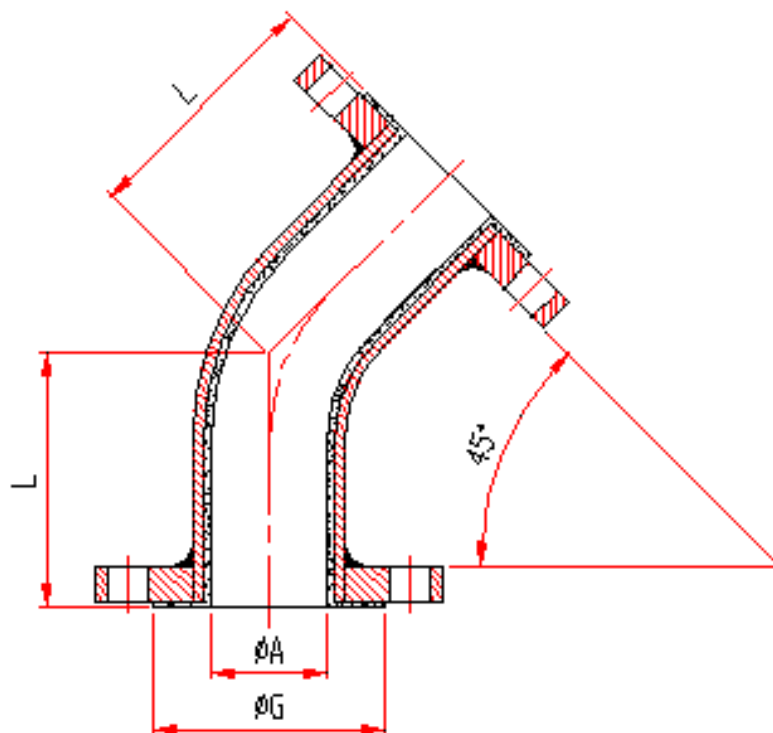
PFA LINED TEE

ORDERING NUMBER	Nominal Size		G (mm)	A (mm)	L (mm)	T (mm)
	JIS-10K	ANSI-150Lbs				
LT-020	20A	3/4"	50	16	80	3.0
LT-025	25A	1"	58	21	89	3.0
LT-040	40A	1-1/2"	78	36	102	3.0
LT-050	50A	1"	92	46	114	3.0



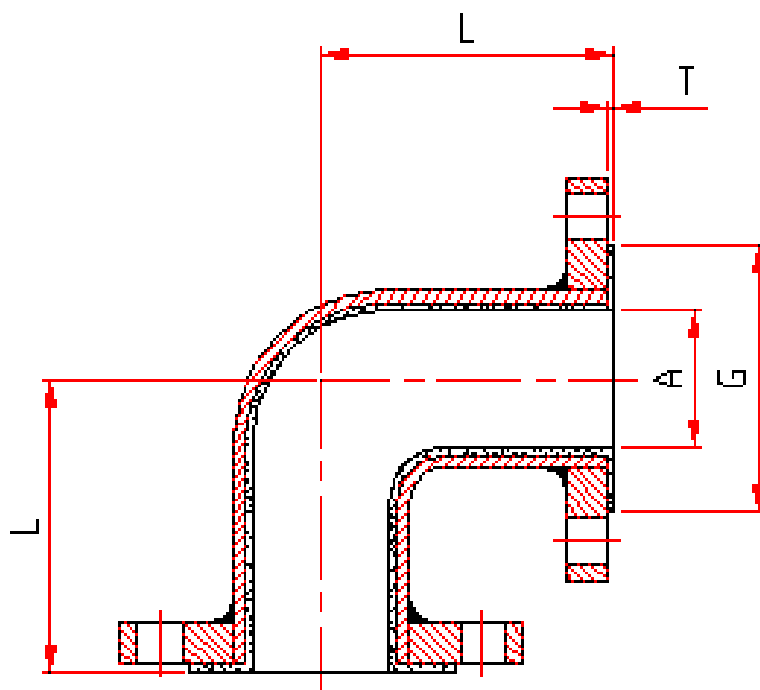
PFA LINED REDUCING TEE

ORDERING NUMBER	Nominal Size		F (mm)	B (mm)	A (mm)	G (mm)	L (mm)	T (mm)
	JIS-10K	ANSI-150Lbs						
LRT-2520	25Ax20A	1"x3/4"	58	21	16	50	89	3.0
LRT-4020	40Ax20A	1-1/2"x3/4"	78	36	16	50	102	3.0
LRT-4025	40Ax25A	1-1/2"x1"	78	36	21	58	102	3.0
LRT-5020	50Ax20A	2"x3/4"	92	46	16	50	114	3.0
LRT-5025	50Ax25A	2"x1"	92	46	21	58	114	3.0
LRT-5040	50Ax40A	2"x1-1/2"	92	46	36	78	114	3.0



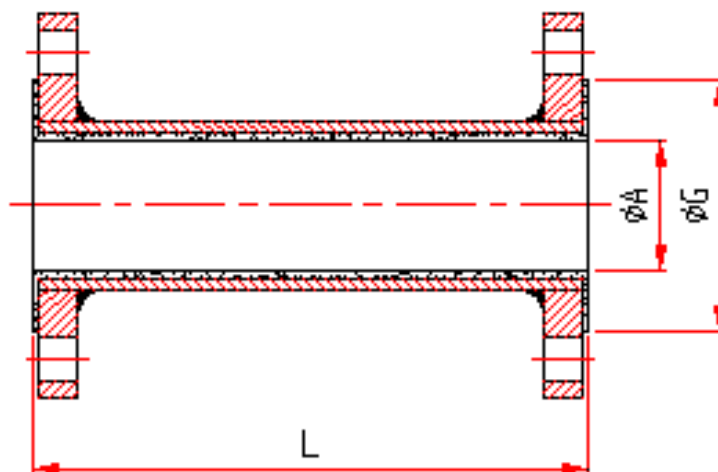
PFA LINED 45° ELBOW

ORDERING NUMBER	Nominal Size		G (mm)	A (mm)	L (mm)	T (mm)
	JIS-10K	ANSI-150Lbs				
LE-020H	20A	3/4"	50	16	60	2.5
LE-025H	25A	1"	58	21	60	2.5
LE-040H	40A	1-1/2"	78	36	60	2.5
LE-050H	50A	2"	92	46	64	2.5



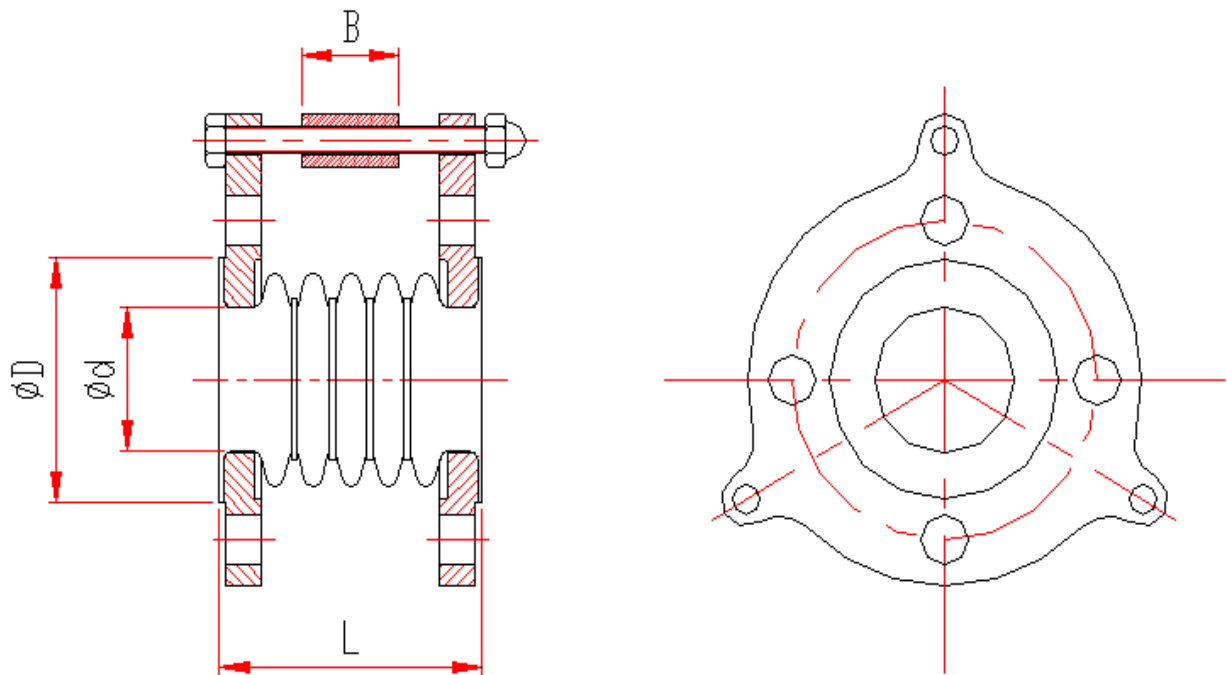
PFA LINED 90° ELBOW

ORDERING NUMBER	Nominal Size		G (mm)	A (mm)	L (mm)	T (mm)
	JIS-10K	ANSI-150Lbs				
LE-020	20A	3/4"	50	16	80	2.5
LE-025	25A	1"	58	21	89	2.5
LE-040	40A	1-1/2"	78	36	102	2.5
LE-050	50A	2"	92	46	114	2.8



PFA LINED PIPE

ORDERING NUMBER	Nominal Size		G (mm)	A (mm)	L (mm)	LINER TH'K	
	JIS-10K	ANSI-150Lbs				STD.	HEY.
LP-020	20A	3/4"	50	16	3000	1.6	2.0
LP-025	25A	1"	58	23	3000	1.6	2.0
LP-040	40A	1-1/2"	78	37	3000	1.6	2.5
LP-050	50A	2"	92	48	3000	2.0	2.8



PFA BELLOWS

ORDERING NUMBER	Nominal Size		B (mm)	ΦD (mm)	Φd (mm)	L (mm)	T (mm)	산수
	JIS-10K	ANSI-150Lbs						
LB-050	50A	2"	38	92	50	100	1.8	5