EICMATION®

规格

设计

采用在介质接触的阀体内壁和阀内件采用高温模压衬氟塑料工艺，金属阀体采用齿式加工增大氟塑料与阀体结合的面积从而强化内衬层的附着力，增强内衬材料的使用稳定性和寿命。内衬层起到了隔离介质和金属阀体的作用，有效避免介质对金属阀体的腐蚀，具有密封性能良好，动作灵敏，流量特性准确的特点。
波纹管密封内衬调节阀在基础内衬调节阀结构上增加RPTFE材质的波纹管，与填料结构一同形成双重密封，可完全消除介质从阀杆处的外漏。适用于苛刻工况。

操作
手动 电动 气动控制

连接
法兰

压力范围
ANSI: CLASS150
DIN: PN16-PN25
GB:PN16-PN25

温度范围
PFA: -30°C - +160°C
FEP: -30 - +120°C

材料

阀体：	WCB+FEP/PFA
	CF8+FEP/PFA
	CF8M+FEP/PFA
	CF3M+FEP/PFA等
内件：	FEP/PFA
密封：	PTFE

Specification

DESIGN
The inner wall of the valve body and the inner parts of the valve body in contact with the medium are lined with fluorine plastic by high temperature molding. The metal valve body is tooth processed to increase the combined area of fluorine plastic and the valve body, thereby strengthening the adhesion of the lining layer and enhancing the service stability and life of the lining material.
The lining layer plays the role of isolating the medium and the metal valve body, effectively avoiding the corrosion of the medium to the metal valve body, and has the characteristics of good sealing performance, sensitive action and accurate flow characteristics.
Bellows seal lining regulating valve The bellows of RPTFE material are added to the base lining regulating valve structure to form a double seal together with the packing structure, which can completely eliminate the external leakage of the medium from the valve stem. Suitable for harsh working conditions.

OPERATION
Handle/Electric and Pneumatic control

CONNECTION
Flange

PRESSURE RANGE
ANSI: CLASS150
DIN: PN16-PN25
GB:PN16-PN25

TEMPERATURE RANGE
PFA: -30°C - +160°C
FEP: -30 - +120°C

MATERIALS

Body:	WCB+FEP/PFA
	CF8+FEP/PFA
	CF8M+FEP/PFA
	CF3M+FEP/PFA etc.
Trim:	FEP/PFA
Seal:	PTFE

型号:
TU
内衬单座式调节阀
CLASS150
PN16-PN25
JIS 10K

WCB+FEP/PFA
CF8+FEP/PFA
CF8M+FEP/PFA
CF3M+FEP/PFA等



Type:
TU
Lined globe control valve
CLASS150
PN16–PN25
JIS 10K

WCB+FEP/PFA
CF8+FEP/PFA
CF8M+FEP/PFA
CF3M+FEP/PFA etc.

举例说明： 比如TUA2LA3618-NA21A2112

=气动薄膜内衬调节阀，失气关闭，阀体/内件:WCB/304+PFA，阀体内衬材质: PFA，压力:PN16，连接:国标法兰。执行器:薄膜头Ø294,NBR,DN50，25mm行程。调节阀

1.字符 产品	2+3.字符 阀体/内件	4.字符 内衬材料	5.字符 压力标准	6.字符 连接	7 + 8.字符 口径
TUA=内衬调节阀 TUD=波纹管密封内衬调节阀	2L=WCB/304+PFA 3L=CF8/304+PFA 4L=CF8M/316+PFA 5L=CF3/304L+PFA 6L=CF3M/316L+PFA 2R=WCB/304+FEP RR=CF8/304+FEP 4R=CF8M/316+FEP 5R=CF3/304L+FEP 6R=CF3M/316L+FEP	A=PFA H=FEP	1=PN6 2=PN10 3=PN16/150LB/10K 4=PN25	6=国标法兰 M=美标法兰	13=DN15/0.5" 20=DN80/3" 14=DN20/0.75" 21=DN100/4" 15=DN25/1" 22=DN125/5" 16=DN32/1.25" 23=DN150/6" 17=DN40/1.5" 24=DN200/8" 18=DN50/2" 25=DN250/10" 19=DN65/2.5" 26=DN300/12"

执行器

9.字符 产品	10.字符 功能	11.字符 材质	12 + 13.字符 规格	14.字符 密封	15.字符 选项	16.字符 行程
NA=直行程膜片式 气动执行器	1=双作用 2=单作用常闭 3=单作用常开	1=铝合金	A1=266 A4=475 A2=294 A5=590 A3=370	1=NBR 2=HNBR 3=FKM	1=无 2=顶装手轮 4=侧装手轮	1=16 4=60 2=25 5=100 3=40

Ordering example: e.g. TUA2LA3618-NA21A2112

=Pneumatic diaphragm lined globe controlvalve,fal close, body/trim.WCB/304+PFA.,material of Body LinedPFA,rating: PN16,Conn:GB Flange.Actuator Diaphragm sizeØ294，NBR,DN50, travel size 25mm.
Control valve

A. Type	B+C. Body/Trim	D. Lined	E. Pressure	F. Connection	G + H. Size
TUA=Lined Globe Control Valve TUD=Lined Globe Control Valve with Bellows	2L=WCB/304+PFA 3L=CF8/304+PFA 4L=CF8M/316+PFA 5L=CF3/304L+PFA 6L=CF3M/316L+PFA 2R=WCB/304+FEP RR=CF8/304+FEP 4R=CF8M/316+FEP 5R=CF3/304L+FEP 6R=CF3M/316L+FEP	A=PFA H=FEP	1=PN6 2=PN10 3=PN16/150LB/10K 4=PN25	6=GB Flange M=ANSI Flange	13=DN15/0.5" 20=DN80/3" 14=DN20/0.75" 21=DN100/4" 15=DN25/1" 22=DN125/5" 16=DN32/1.25" 23=DN150/6" 17=DN40/1.5" 24=DN200/8" 18=DN50/2" 25=DN250/10" 19=DN65/2.5" 26=DN300/12"

Actuator

I. Type	J. Fail position	K. Material	L + M. Specifications	N. Seal	O. Options	P. Stroke
NA=Straight stroke diaphragm Pneumatic actuator	1=Double action 2=Single action-close 3=Single action-open	1=Aluminium alloy	A1=266 A4=475 A2=294 A5=590 A3=370	1=NBR 2=HNBR 3=FKM	1=No 2=Top handwheel 4=Side-mounted handwheel	1=16 4=60 2=25 5=100 3=40

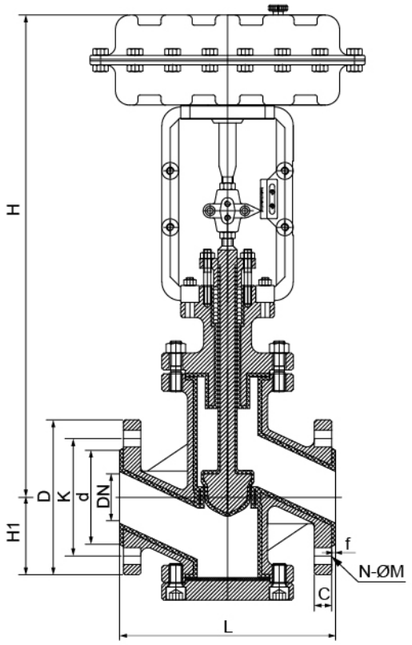
额定CV值及行程 / Rated CV value and stroke

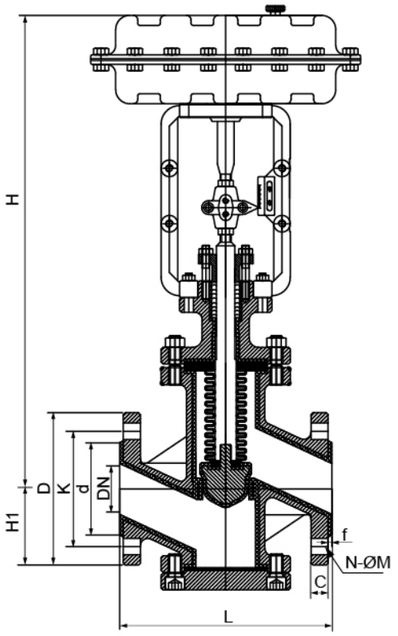
公称通径 Valve size (mm)	节流面相对尺寸 Trim size (mm)	额定Rated CV 百分比/EQ%	额定Rated CV 线性/Linear	行 程 Stroke(mm)
20	6	0.32	-	16
	8	0.8	-	16
	10	1.6	-	16
	15	4.0	-	16
	20	6.3	10	16
25	6	0.32	-	16
	8	0.8	-	16
	10	1.6	-	16
	15	4.0	-	16
	20	6.3	10	16
	25	10	16	16

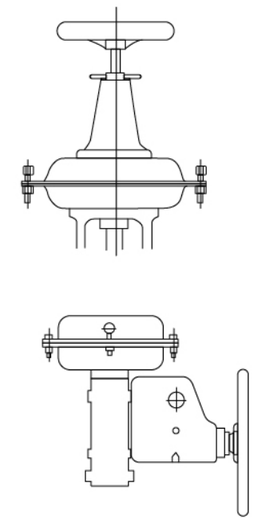
公称通径 Valve size (mm)	节流面相对尺寸 Trim size (mm)	额定Rated CV 百分比/EQ%	额定Rated CV 线性/Linear	行 程 Stroke(mm)
32	32	17	25	16
40	40	24	35	25
50	50	44	55	25
65	65	68	85	40
80	80	99	135	40
100	100	175	210	40
125	125	275	345	60
150	150	360	466	60
200	200	640	735	60
250	250	960	1000	100
300	300	1300	1500	100

尺寸/Dimension

PN6







顶装及侧装手轮示意图
Top and side mounting-mounted hand operating mechanism

DN	L	H1	Actuator			d	C	f	D	K	N-ØM
			Model	Specification	H						
15	130	48	NA21A2111	Ø290	438	40	12	2	80	55	4-Ø12
20	150	55	NA21A2111	Ø290	450	50	14	2	90	65	4-Ø12
25	160	58	NA21A2111	Ø290	460	60	14	2	100	75	4-Ø12
32	180	70	NA21A2111	Ø290	465	70	14	2	120	90	4-Ø14
40	200	75	NA21A2112	Ø290	520	80	14	2	130	100	4-Ø14
50	230	85	NA21A2112	Ø290	520	90	14	2	140	110	4-Ø14
65	290	108	NA21A3113	Ø365	655	110	14	2	160	130	4-Ø14
80	310	126	NA21A3113	Ø365	685	125	16	2	190	150	4-Ø18
100	350	140	NA21A3113	Ø365	692	145	16	2	210	170	4-Ø18
125	400	170	NA21A4114	Ø475	860	175	18	2	240	200	8-Ø18
150	480	202	NA21A4114	Ø475	875	200	18	2	265	225	8-Ø18
200	600	268	NA21A4114	Ø475	935	255	20	2	320	280	8-Ø18
250	730	315	NA21A5115	Ø580	1250	310	22	2	375	335	12-Ø18
300	850	415	NA21A5115	Øt580	1305	365	22	2	440	395	12-Ø22

尺寸/Dimension

EICMATION®

PN10

DN	L	H1	Actuator			d	C	f	D	K	N-ØM
			Model	Specification	H						
15	130	48	NA21A2111	Ø290	438	45	16	2	95	65	4-Ø14
20	150	55	NA21A2111	Ø290	450	55	18	2	105	75	4-Ø14
25	160	58	NA21A2111	Ø290	460	65	18	2	115	85	4-Ø14
32	180	70	NA21A2111	Ø290	465	75	18	2	140	100	4-Ø18
40	200	75	NA21A2112	Ø290	520	85	18	3	150	110	4-Ø18
50	230	85	NA21A2112	Ø290	520	100	18	3	165	125	4-Ø18
65	290	108	NA21A3113	Ø365	655	120	18	3	185	145	8-Ø18
80	310	126	NA21A3113	Ø365	685	135	20	3	200	160	8-Ø18
100	350	140	NA21A3113	Ø365	692	155	20	3	220	180	8-Ø18
125	400	170	NA21A4114	Ø475	860	185	22	3	250	210	8-Ø18
150	480	202	NA21A4114	Ø475	875	210	22	3	285	240	8-Ø22
200	600	268	NA21A4114	Ø475	935	265	24	3	340	295	8-Ø22
250	730	315	NA21A5115	Ø580	1250	320	26	3	395	350	12-Ø22
300	850	415	NA21A5115	Ø580	1305	370	26	4	445	400	12-Ø22

PN25

DN	L	H1	Actuator			d	C	f	D	K	N-ØM
			Model	Specification	H						
15	130	48	NA21A2111	Ø290	438	45	16	2	95	65	4-Ø14
20	150	55	NA21A2111	Ø290	450	55	18	2	105	75	4-Ø14
25	160	58	NA21A2111	Ø290	460	65	18	2	115	85	4-Ø14
32	180	70	NA21A2111	Ø290	465	75	18	2	140	100	4-Ø18
40	200	75	NA21A2112	Ø290	520	85	18	3	150	110	4-Ø18
50	230	85	NA21A2112	Ø290	520	100	20	3	165	125	4-Ø18
65	290	108	NA21A3113	Ø365	655	120	22	3	185	145	8-Ø18
80	310	126	NA21A3113	Ø365	685	135	24	3	200	160	8-Ø18
100	350	140	NA21A3113	Ø365	692	160	24	3	235	190	8-Ø22
125	400	170	NA21A4114	Ø475	860	190	26	3	270	220	8-Ø26
150	480	202	NA21A4114	Ø475	875	215	28	3	300	250	8-Ø26
200	600	268	NA21A4114	Ø475	935	275	30	3	360	310	12-Ø26
250	730	315	NA21A5115	Ø580	1250	335	32	3	425	370	12-Ø30
300	850	415	NA21A5115	Ø580	1305	395	34	4	485	430	16-Ø30

PN16

DN	L	H1	Actuator			d	C	f	D	K	N-ØM
			Model	Specification	H						
15	130	48	NA21A2111	Ø290	438	45	16	2	95	65	4-Ø14
20	150	55	NA21A2111	Ø290	450	55	18	2	105	75	4-Ø14
25	160	58	NA21A2111	Ø290	460	65	18	2	115	85	4-Ø14
32	180	70	NA21A2111	Ø290	465	75	18	2	140	100	4-Ø18
40	200	75	NA21A2112	Ø290	520	85	18	3	150	110	4-Ø18
50	230	85	NA21A2112	Ø290	520	100	18	3	165	125	4-Ø18
65	290	108	NA21A3113	Ø365	655	120	18	3	185	145	8-Ø18
80	310	126	NA21A3113	Ø365	685	135	20	3	200	160	8-Ø18
100	350	140	NA21A3113	Ø365	692	155	20	3	220	180	8-Ø18
125	400	170	NA21A4114	Ø475	860	185	22	3	250	210	8-Ø18
150	480	202	NA21A4114	Ø475	875	210	22	3	285	240	8-Ø22
200	600	268	NA21A4114	Ø475	935	265	24	3	340	295	12-Ø22
250	730	315	NA21A5115	Ø580	1250	320	26	3	405	350	12-Ø26
300	850	415	NA21A5115	Ø580	1305	375	28	4	460	400	12-Ø26

150LB

DN	L	H1	Actuator			d	C	f	D	K	N-ØM
			Model	Specification	H						
15	130	48	NA21A2111	Ø290	438	35	10	2	89	60.5	4-Ø15
20	150	55	NA21A2111	Ø290	450	43	11	2	98	70	4-Ø15
25	160	58	NA21A2111	Ø290	460	51	13	2	108	79.5	4-Ø15
32	180	70	NA21A2111	Ø290	465	64	14	2	117	89	4-Ø15
40	200	75	NA21A2112	Ø290	520	73	16	2	127	98.5	4-Ø15
50	230	85	NA21A2112	Ø290	520	92	17	2	152	120.5	4-Ø19
65	290	108	NA21A3113	Ø365	655	105	21	2	178	139.5	4-Ø19
80	310	126	NA21A3113	Ø365	685	127	22	2	190	152.5	4-Ø19
100	350	140	NA21A3113	Ø365	692	158	22	2	229	190.5	8-Ø22
125	400	170	NA21A4114	Ø475	860	186	22	2	254	216	8-Ø22
150	480	202	NA21A4114	Ø475	875	216	24	2	279	241.5	8-Ø22
200	600	268	NA21A4114	Ø475	935	270	27	2	343	298.5	12-Ø25
250	730	315	NA21A5115	Ø580	1250	324	29	2	406	362	12-Ø25
300	850	415	NA21A5115	Ø580	1305	381	30	2	483	432	12-Ø29