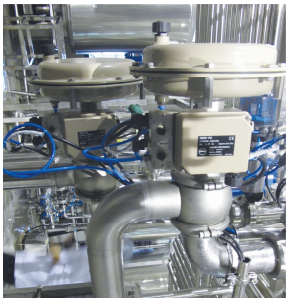
流量调节阀 Flow Regulating Valve








流量调节阀

应用

该阀是有电—气调节阀和手动调节阀两种形式，用于自动化控制系统中，对压力、流量、液位、温度、及罐体液位等进行控制。

阀体材质

- 与物料接触部件：不锈钢304或316L

阀芯密封选择

- 软密封（EPDM或PTFE）
- 金属与金属

电—气调节阀类型

- 标准型：管口为焊接式、球形阀体、EPDM，阀全关（常闭）
- 定 位 器：电/气（I/P）转换
  信号范围：4~20mA（标准）

其它类型可选

- 无菌型（PTFE隔膜或316L隔膜）
- 定位器：气/气（P/P）转换
- 阀芯：常开型

表面处理

- 外部：喷砂处理Ra≤1.6mm
  抛 亚 光Ra≤0.6mm
- 内部：抛 光Ra≤0.6mm

Flow Regulating Valve

Application

This valve has two styles:electric-pneumatic regulating valve and manual regulating valves,used in automatic control system to control the pressure,flow,level,temperature and tank level.

Body Material

- Material contacted surface:304 or 316L

Valve Plug Seals Choice

- Soft seals (EPDM or PTFE)
- Metal with metal

A/M Regulating Valve Style

- Standard:tubing welding joint,ball valve body,EPDM soft seals.While supplying air pressure is 0,Valve is clos(Normally Close)
- Localizer:I/P Switch
  Signal Range:4~20mA(Standard)

Other Style Option

- Aseptic style (PTFE diaphragm or 316L diaphragm)
- Localizer:P/P switch
- Valve plug normally open

Surface Treatment

- Outside:Sandblast Ra≤1.6mm
  Sublight Ra≤0.6mm
- Inside:polish Ra≤0.6mm

流量调节阀 Flow Regulating Valve

表三：技术数据 Table Three: Technical Data

公称通径	Nominal Diameter	DIN	DN15~DN125	DN15~DN125
焊接头连接	Welding Connection	DIN ISO/IDF SMS	管道根据DIN11850 1"~4"	Pipeline According to DIN11850 1"~4"
公称压力	Nominal Pressure		PN≤1.0Mpa	PN≤1.0Mpa
阀芯密封	Jumper Valve Sealing		金属或软密封	Metal or Soft Sealing
特性	Characteristics		等百分比或线性	Equal percentage or linear
量程比	Measure Ratio		50:1最大到DN50；DN65及以上30:1	Maximum DN50~DN65 and above 30:1
温度范围	Temperature Range		-10℃~+150℃	-10℃~+150℃

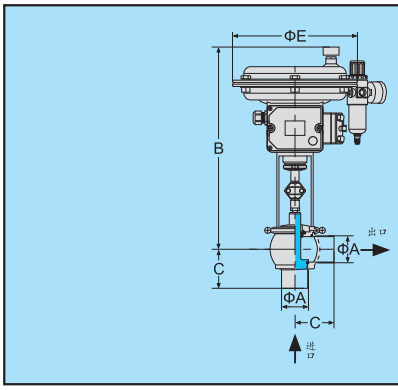
表四：选型参考资料 Table Four: Reference Data for Choosing Type

规格Size		流量Kvs m^3/h Flow Kvs m^3/h	执行器面积cm^2 The Area of Actuator cm^2	有效行程 mm Effective Distance mm	执行器工作范围 The Working Range of Actuator 用于ΔP为（阀常闭）Used for ΔP is (Valve normally close)	
DIN	ISO/IDF				5bar	10bar
DN15		1.6	120	7.5	1.7~2.1	—
		2.5			1.7~2.1	—
DN20		4			1.7~2.1	—
DN25	1"	6.3	240	15	0.3~1.1	0.9~3.3
		10			0.3~1.1	0.9~3.3
DN32	1.25"	6.3	240	15	0.3~1.1	0.9~3.3
		10			0.3~1.1	0.9~3.3
DN40	1.5"	10	240	15	0.6~2.2	0.9~3.3
		16			0.6~2.2	0.9~3.3
		25			0.6~2.2	0.9~3.3
DN50	2"	16	240	15	0.6~2.2	0.9~3.3
		25			0.6~2.2	0.9~3.3
		35	350		1.4~2.3	2.1~3.3
DN65	2.5"	25	350	15	1.4~2.3	2.1~3.3
		35			1.4~2.3	2.1~3.3
		60			1.4~2.3	2.1~3.3
DN80	3"	35	350	15	1.4~2.3	2.1~3.3
		60			1.4~2.3	2.1~3.3
		80			1.4~2.3	2.1~3.3
DN100	4"	60	350	15	1.4~2.3	2.1~3.3
		100			1.4~2.3	2.1~3.3
DN125		200	700	30	2.1~3.3	—

表五：执行器使用压缩空气质量要求 Table Five : The Quality Requirement for Compressed Air Used in Actuator

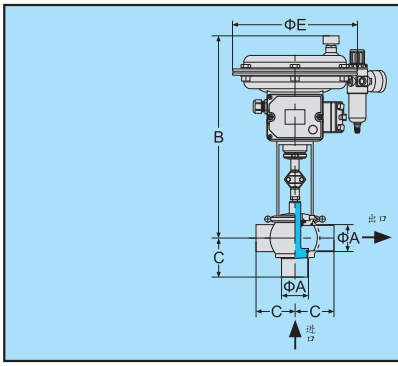
压缩空气连接	Compressed Air Connection	空气管配备空气接头R1/8"(BSP)	Air pipe with air connection R1/8"(BSP)
最小工作气压	Minimum Working Pressure	0.4Mpa	0.4Mpa
最大允许供气压力	Maximum Air Supply Pressure	0.6Mpa	0.6Mpa
最大颗粒尺寸	Maximum Pellet Size	0.01mm	0.01mm
最大油含量	Maximum Oil Content	0.08ppm	0.08ppm
露点	Dew Point	大气温度以下10℃或更低	10℃ lower than air temperature or lower
最大水含量	Maximum Water Content	7.5g/kg	7.5g/kg

L型数字式调节阀(3277) 型号type：DTG-01 L-Digital Stop Valve



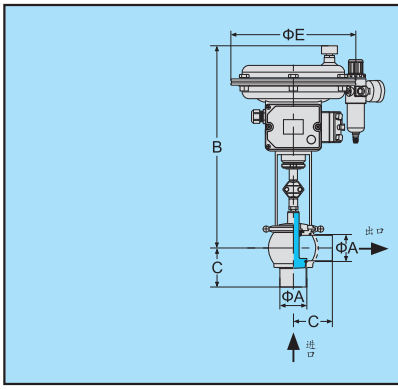
规格size	A	B	C	D	E	F	kg
DN15	18	325	40		168		
20	22	330	40		168		
25	28	330	60		168		
32	34	335	60		168		
40	40	335	60		168		
50	52	390	75		240		
65	70	430	100		280		
80	85	435	100		280		
100	104	445	125		280		
125	129	555	150		390		

T型数字式调节阀(3277) 型号type：DTG-01T T-Digital Stop Valve



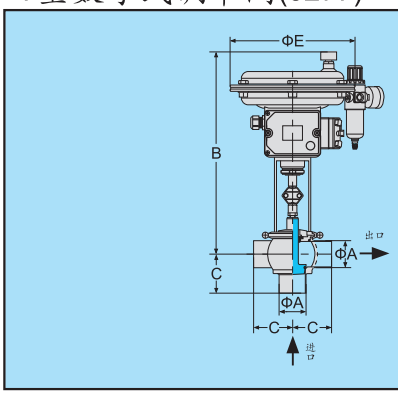
规格size	A	B	C	D	E	F	kg
DN15	18	325	40		168		
20	22	330	40		168		
25	28	330	60		168		
32	34	335	60		168		
40	40	335	60		168		
50	52	390	75		240		
65	70	430	100		280		
80	85	435	100		280		
100	104	445	125		280		
125	129	555	150		390		

L型数字式调节阀(3277) 型号type：ITG-01 L-Digital Stop Valve



规格size	A	B	C	D	E	F	kg
1^{s}	25.4	330	60		168		
1.25^{s}	32	335	60		168		
1.5^{s}	38	335	60		168		
2^{s}	50.8	390	75		240		
2.5^{s}	63.5	425	100		280		
3^{s}	76.1	430	100		280		
4^{s}	101.6	445	125		280		

T型数字式调节阀(3277) 型号type：ITG-01T T-Digital Stop Valve

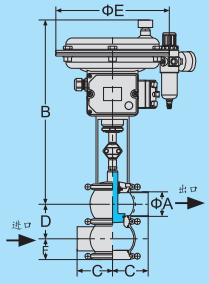


规格size	A	B	C	D	E	F	kg
1^{s}	25.4	330	60		168		
1.25^{s}	32	335	60		168		
1.5^{s}	38	335	60		168		
2^{s}	50.8	390	75		240		
2.5^{s}	63.5	425	100		280		
3^{s}	76.1	430	100		280		
4^{s}	101.6	445	125		280		

样本所示管径为DIN11850第一系列尺寸，可按客户要求提供第二系列尺寸的产品。
The sizes marked in the handbook is DIN11850 NO.1 serie, No.2 serie products can also be offered by LYSF.

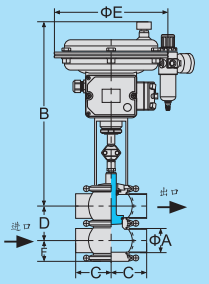
流量调节阀DIN/ISO Flow Regulating Valve

C型数字式调节阀(3277) 型号type：DTG-02 C-Digital Stop Valve



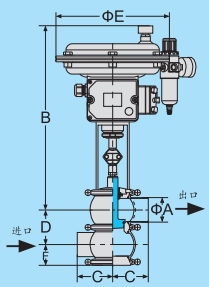
规格size	A	B	C	D	E	F	kg
DN15	18	325	40	37	168	28	
20	22	330	40	41	168	30	
25	28	330	60	50	168	30	
32	34	335	60	55	168	34	
40	40	335	60	62	168	38	
50	52	390	75	73	240	45	
65	70	430	100	96	280	55	
80	85	435	100	111	280	62	
100	104	445	125	130	280	72	
125	129	555	150	155	390	90	

F型数字式调节阀(3277) 型号type：DTG-02T F-Digital Stop Valve



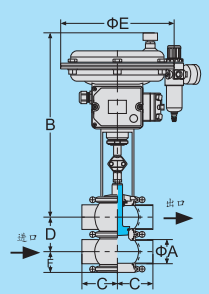
规格size	A	B	C	D	E	F	kg
DN15	18	325	40	37	168	28	
20	22	330	40	41	168	30	
25	28	330	60	50	168	30	
32	34	335	60	55	168	34	
40	40	335	60	62	168	38	
50	52	390	75	73	240	45	
65	70	430	100	96	280	55	
80	85	435	100	111	280	62	
100	104	445	125	130	280	72	
125	129	555	150	155	390	90	

C型数字式调节阀(3277) 型号type：ITG-02 C-Digital Stop Valve



规格size	A	B	C	D	E	F	kg
1^{s}	25.4	330	60	47	168	29	
1.25^{s}	32	335	60	54	168	33	
1.5^{s}	38	335	60	59.5	168	37	
2^{s}	50.8	390	75	72	240	45	
2.5^{s}	63.5	425	100	90	280	52	
3^{s}	76.1	430	100	102	280	59	
4^{s}	101.6	445	125	128	280	70	

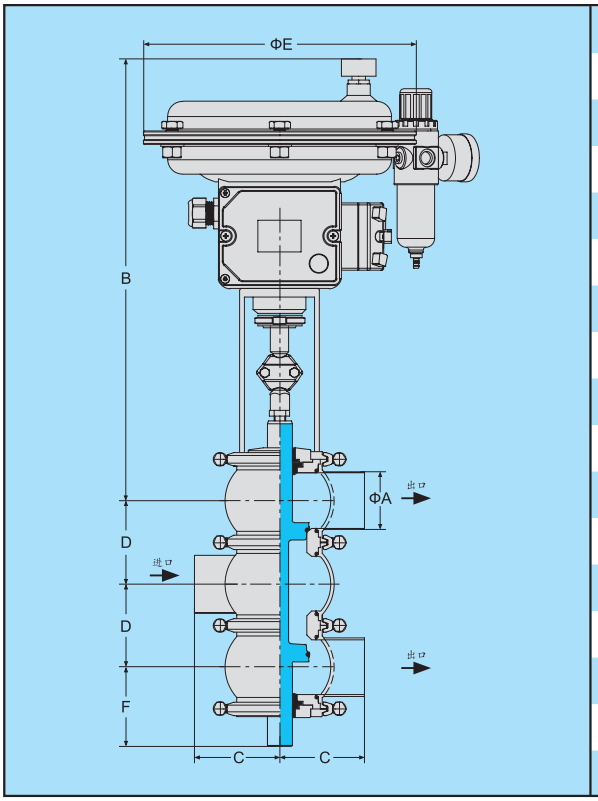
F型数字式调节阀(3277) 型号type：ITG-02T F-Digital Stop Valve



规格size	A	B	C	D	E	F	kg
1^{s}	25.4	330	60	47	168	29	
1.25^{s}	32	335	60	54	168	33	
1.5^{s}	38	335	60	59.5	168	37	
2^{s}	50.8	390	75	72	240	45	
2.5^{s}	63.5	425	100	90	280	52	
3^{s}	76.1	430	100	102	280	59	
4^{s}	101.6	445	125	128	280	70	

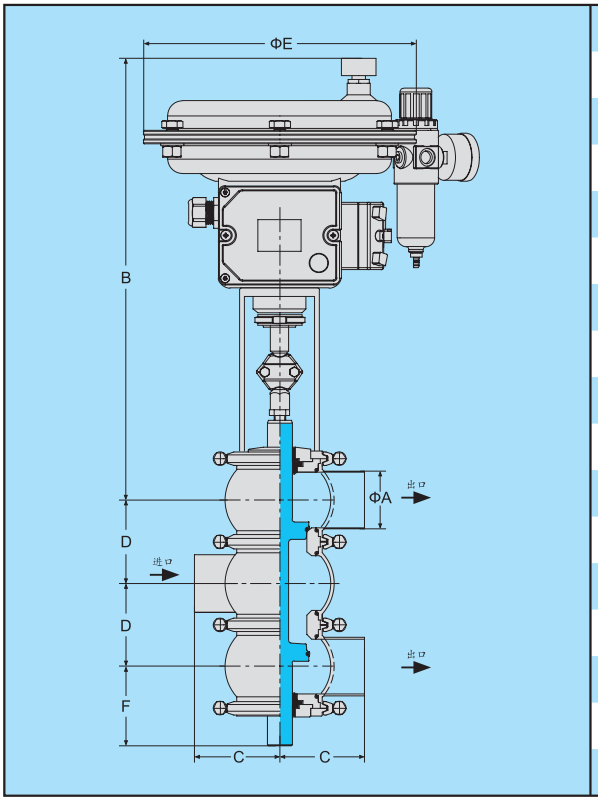
样本所示管径为DIN11850第一系列尺寸，可按客户要求提供第二系列尺寸的产品。
The sizes marked in the handbook is DIN11850 NO.1 serie, No.2 serie products can also be offered by LYSF.

B型数字式分流阀(3277) 型号type：DTG-03 B-Digital Shunt Valve



规格size	A	B	C	D	E	F	kg
DN15	18	325	40	37	168	54	
20	22	330	40	41	168	56	
25	28	330	60	50	168	56	
32	34	335	60	55	168	60	
40	40	335	60	62	168	64	
50	52	390	75	73	240	71	
65	70	430	100	96	280	81	
80	85	435	100	111	280	88	
100	104	445	125	130	280	98	
125	129	555	150	155	390	116	

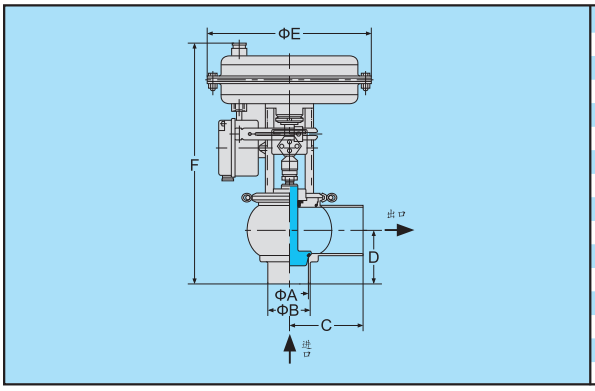
B型数字式分流阀(3277) 型号type：ITG-03 B-Digital Shunt Valve



规格size	A	B	C	D	E	F	kg
1^{s}	25.4	330	60	47	168	55	
1.25^{s}	32	335	60	54	168	59	
1.5^{s}	38	335	60	59.5	168	63	
2^{s}	50.8	390	75	72	240	71	
2.5^{s}	63.5	425	100	90	280	78	
3^{s}	76.1	430	100	102	280	85	
4^{s}	101.6	445	125	128	280	96	

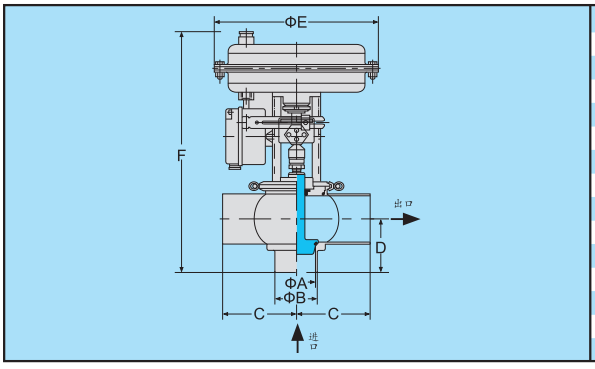
流量调节阀DIN/ISO Flow Regulating Valve

L型流量调节阀(3271) 型号type：DTG-04 L-Flow Regulating Valve



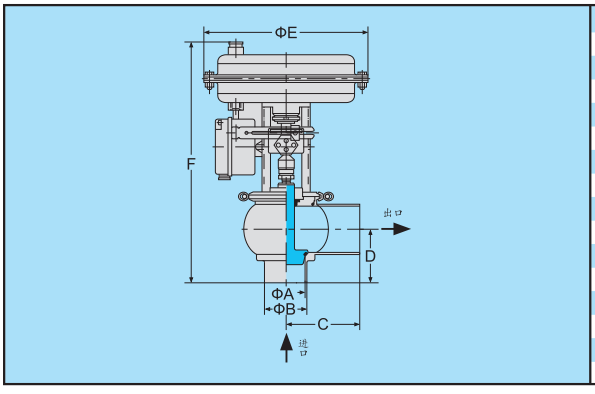
规格size	A	B	C	D	E	F	kg
DN15	15	18	40	40	168	317	
20	19	22	40	40	168	320	
25	25	28	60	40	240	305	
40	37	40	60	58.5	240	330	
50	49	52	75	65	240	345	
65	66	70	100	83	280	390	
80	81	85	100	90	280	405	
100	100	104	125	100	280	425	
125	125	129	150	125	390	575	

T型流量调节阀(3271) 型号type：DTG-05 T -Flow Regulating Valve



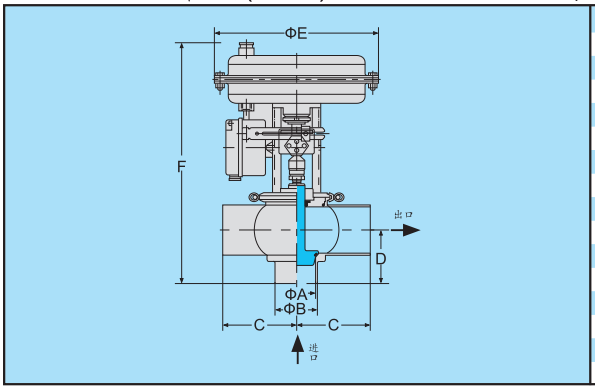
规格size	A	B	C	D	E	F	kg
DN15	15	18	40	40	168	317	
20	19	22	40	40	168	320	
25	25	28	60	40	240	305	
40	37	40	60	58.5	240	330	
50	49	52	75	65	240	345	
65	66	70	100	83	280	390	
80	81	85	100	90	280	405	
100	100	104	125	100	280	425	
125	125	129	150	125	390	575	

L型流量调节阀(3271) 型号type：ITG-04 L-Flow Regulating Valve



规格size	A	B	C	D	E	F	kg
1^{s}	22.4	25.4	60	40	240	305	
1.5^{s}	35	38	60	58.5	240	330	
2^{s}	47.8	50.8	75	65	240	345	
2.5^{s}	59.5	63.5	100	83	280	390	
3^{s}	72.1	76.1	100	86	280	400	
4^{s}	97.6	101.6	125	100	280	425	

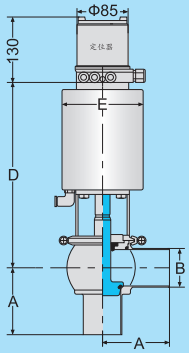
T型流量调节阀(3271) 型号type：ITG-05 T-Flow Regulating Valve



规格size	A	B	C	D	E	F	kg
1^{s}	22.4	25.4	60	40	240	305	
1.5^{s}	35	38	60	58.5	240	330	
2^{s}	47.8	50.8	75	65	240	345	
2.5^{s}	59.5	63.5	100	83	280	390	
3^{s}	72.1	76.1	100	86	280	400	
4^{s}	97.6	101.6	125	100	280	425	

样本所示管径为DIN11850第一系列尺寸，可按客户要求提供第二系列尺寸的产品。
The sizes marked in the handbook is DIN11850 NO.1 serie, No.2 serie products can also be offered by LYSF.

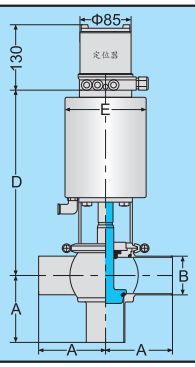
L型流量调节阀 型号type：DTG-08 L-Flow Regulating Valve



规格size	A	B	C	D	E	F	kg
DN40	60	40		240	85		
50	75	52		260	108		
65	100	70		280	129		
80	100	85		310	129		
100	125	104		360	154		
125	150	129		420	204		
150	150	154		430	204		

注：信号反馈装置为可以配置选项
Signal feed back device can be choosed or not.

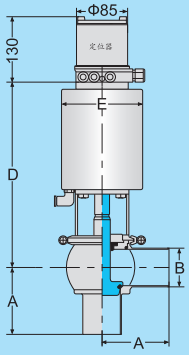
T型流量调节阀 型号type：DTG-09 T-Flow Regulating Valve



规格size	A	B	C	D	E	F	kg
DN40	60	40		240	85		
50	75	52		260	108		
65	100	70		280	129		
80	100	85		310	129		
100	125	104		360	154		
125	150	129		420	204		
150	150	154		430	204		

注：信号反馈装置为可以配置选项
Signal feed back device can be choosed or not.

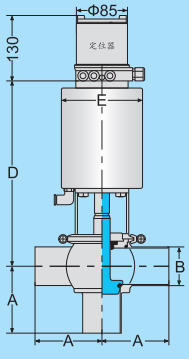
L型流量调节阀 型号type：ITG-08 L-Flow Regulating Valve



规格size	A	B	C	D	E	F	kg
1.25^{s}	60	32		235	85		
1.5^{s}	60	38		240	85		
2^{s}	75	51		260	108		
2.5^{s}	100	63.5		280	129		
3^{s}	100	76.1		305	129		
4^{s}	125	101.6		360	154		

注：信号反馈装置为可以配置选项
Signal feed back device can be choosed or not.

T型流量调节阀 型号type：ITG-09 T-Flow Regulating Valve

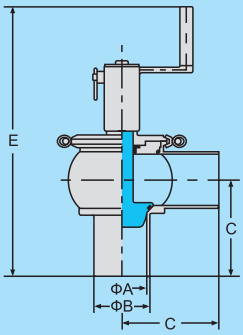


规格size	A	B	C	D	E	F	kg
1.25^{s}	60	32		235	85		
1.5^{s}	60	38		240	85		
2^{s}	75	51		260	108		
2.5^{s}	100	63.5		280	129		
3^{s}	100	76.1		305	129		
4^{s}	125	101.6		360	154		

注：信号反馈装置为可以配置选项
Signal feed back device can be choosed or not.

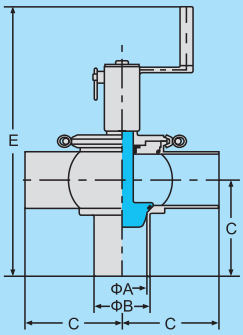
流量调节阀DIN/ISO Flow Regulating Valve

L型调节阀 型号type：DTJ-01 L-Flow Regulating Valve



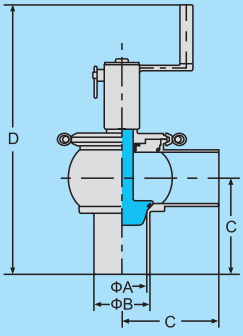
规格size	A	B	C	D	E	F	kg
DN15	15	18	40		205		
20	19	22	40		205		
25	25	28	60		215		
40	37	40	60		275		
50	49	52	75		295		
65	66	70	100		335		
80	81	85	100		350		
100	100	104	125		360		
125	125	129	150		425		

T型调节阀 型号type：DTJ-02 T-Flow Regulating Valve



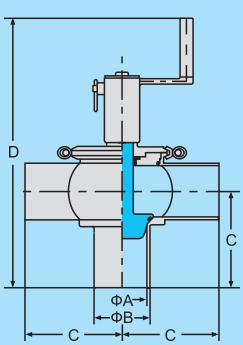
规格size	A	B	C	D	E	F	kg
DN15	15	18	40		205		
20	19	22	40		205		
25	25	28	60		215		
40	37	40	60		275		
50	49	52	75		295		
65	66	70	100		335		
80	81	85	100		350		
100	100	104	125		360		
125	125	129	150		425		

L型调节阀 型号type：ITJ-01 L-Flow Regulating Valve



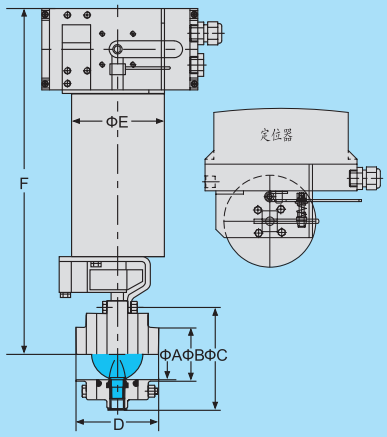
规格size	A	B	C	D	E	F	kg
1.25^{s}	29	32	60	250			
1.5^{s}	35	38	60	250			
2^{s}	48	51	75	295			
2.5^{s}	59.5	63.5	100	330			
3^{s}	72.1	76.1	100	340			
4^{s}	97.6	101.6	125	360			

T型调节阀 型号type：ITJ-02 T-Flow Regulating Valve



规格size	A	B	C	D	E	F	kg
1.25^{s}	29	32	60	250			
1.5^{s}	35	38	60	250			
2^{s}	48	51	75	295			
2.5^{s}	59.5	63.5	100	330			
3^{s}	72.1	76.1	100	340			
4^{s}	97.6	101.6	125	360			

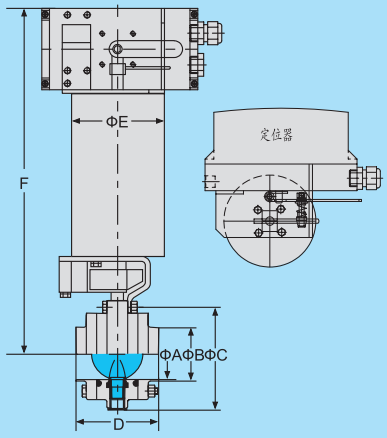
流量调节气动蝶阀 型号type：DTG-06 Flow Control Pneumatic Butterfly Valve



规格size	A	B	C	D	E	F	kg
DN32	31	34	84	70	60	280	
40	37	40	91	75	85	335	
50	49	52	104	80	85	340	
65	66	70	125	82	85	350	
80	81	85	143	85	85	360	
100	100	104	161	85	108	405	
125	125	129	192	95	108	410	
150	150	154	221	106	133	520	

注：信号反馈装置为可以配置选项
Signal feed back device can be choosed or not.

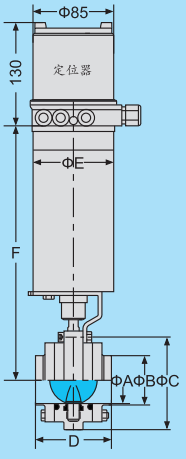
流量调节气动蝶阀 型号type：ITG-06 Flow Control Pneumatic Butterfly Valve



规格size	A	B	C	D	E	F	kg
1^{s}	22.4	25.4	69	70	60	280	
1.25^{s}	29	32	78	70	60	280	
1.5^{s}	35	38	86	75	85	328	
2^{s}	48	51	94	80	85	335	
2.5^{s}	59.5	63.5	117	82	85	345	
3^{s}	72.1	76.1	130	85	85	355	
3.5^{s}	85	89	143	85	85	360	
4^{s}	97.6	101.6	163	85	108	405	

注：信号反馈装置为可以配置选项
Signal feed back device can be choosed or not.

流量调节蝶阀 型号type：DTG-07 Flow Control Butterfly Valve



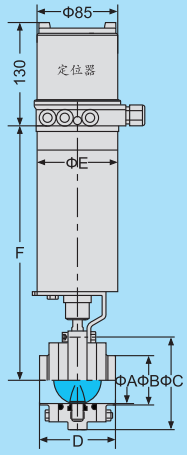
规格size	A	B	C	D	E	F	kg
DN25	25	28	78	70	85	180	
32	31	34	84	70	85	180	
40	37	40	91	75	85	235	
50	49	52	104	80	85	240	
65	66	70	125	82	85	250	
80	81	85	143	85	85	260	
100	100	104	161	85	85	305	

注：信号反馈装置为可以配置选项
Signal feed back device can be choosed or not.

样本所示管径为DIN11850第一系列尺寸，可按客户要求提供第二系列尺寸的产品。
The sizes marked in the handbook is DIN11850 NO.1 serie, No.2 serie products can also be offered by LYSF.

流量调节阀 Flow Regulating Valve

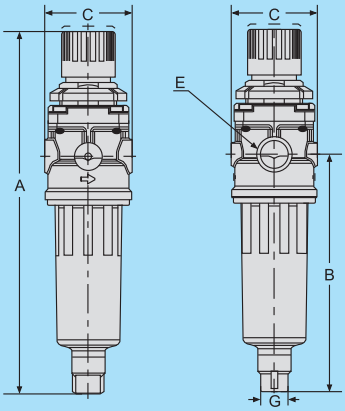
流量调节蝶阀　型号type：ITG-07　Flow Control Butterfly Valve



规格size	A	B	C	D	E	F	kg
1s	22.4	25.4	69	70	85	180	
1.25s	29	32	78	70	85	180	
1.5s	35	38	86	75	85	228	
2s	48	51	94	80	85	235	
2.5s	59.5	63.5	117	82	85	245	
3s	72.1	76.1	130	85	85	255	
3.5s	85	89	143	85	85	260	
4s	97.6	101.6	163	85	85	305	

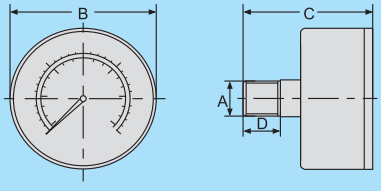
注：信号反馈装置为可以配置选项
Signal feed back device can be choosed or not.

减压器／过滤器二联件　型号type：ND　Vacuum Filter



规格size	A	B	C	G	E	F	kg
N108-DOO	167	101	45	G1/8	G1/8		
N104-DOO	167	101	45	G1/8	G1/4		
N208-DOO	191	125	45	G1/8	G1/8		
N204-DOO	191	125	45	G1/8	G1/4		

轴向压力表　型号type：SMP　Pressure Guage



规格size	A	B	C	D	测量范围	kg
SM043-P04	R1/8	F41	39	9	0~4bar	
SM043-P06	R1/8	F41	39	9	0~6bar	
SM043-P10	R1/8	F41	39	9	0~10bar	
SM043-P12	R1/8	F41	39	9	0~12bar	
SM053-P04	R1/8	F52	41	9	0~4bar	
SM053-P06	R1/8	F52	41	9	0~6bar	
SM053-P10	R1/8	F52	41	9	0~10bar	
SM053-P12	R1/8	F52	41	9	0~12bar	
SM063-P04	R1/4	F60	47	12	0~4bar	
SM063-P06	R1/4	F60	47	12	0~6bar	
SM063-P12	R1/4	F60	47	12	0~12bar	