

隔膜阀

应用

卫生级隔膜阀广泛应用于医药、食品、生物制药行业，以及半导体，微电子工业，精细化工行业。适用于制水设备、PW、WFI输送与分配、无菌流体输送及CIP、SIP等。

优点

产品具有接触面光滑无死角，易拆卸、易维护、易清洁、CIP、结构紧凑、操作方便。

技术参数

- ◆ 公称通径: DN10-DN100 (1/2"-4")
- ◆ 设计压力: PN16
- ◆ 最高使用压力: 10 Bar(EPDM)
6 Bar(PTFE+EPDM)
- ◆ 工作温度: -10-+150°C(EPDM+PTFE)
-10-+120°C(EPDM)

材质

- ◆ 阀体材质: 316L(EN1.4409, CF3M, EN1.4404)
- ◆ 密封材质: EPDM+PTFE/EPDM

表面处理

- ◆ 内部: 机械抛光 $Ra \leq 0.4\mu m$
电解抛光 $Ra \leq 0.25\mu m$
- ◆ 外部: 机械抛光
喷砂处理

Diaphragm Valve

Application

Sanitary diaphragm valves are widely used in pharm, food, biopharmaceutical industries, as well as semiconductor, microelectronics industry,



fine chemical industries. Applicable to water making equipment, PW, WFI transport and distribution, sterile fluid delivery and CIP, SIP, etc..

Advantage

Diaphragm Valve has smooth contact surface without dead angle, easy to disassemble, maintain and clean, CIP, compact structure and easy to operate.

Technical Data

- ◆ Size: DN10-DN100(1/2"-4")
- ◆ Design pressure: PN16
- ◆ Max.operation pressure: 10 Bar(EPDM)
6 Bar (PTFE+EPDM)
- ◆ Working temperature: -10-+150°C(EPDM+PTFE)
-10-+120°C(EPDM)

Material

- ◆ Valve body material: 316L(EN1.4409, CF3M, EN1.4404)
- ◆ Sealing material: EPDM+PTFE/EPDM

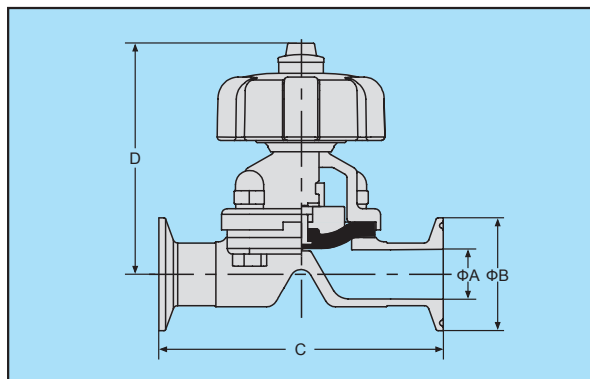
Surface treatment

- ◆ VInside: Mechanical polish $Ra \leq 0.4\mu m$
Electrical polish $Ra \leq 0.25\mu m$
- ◆ Outside: Mechanical polish
Sand blast

卡式手动隔膜阀

型号type: DGM-01

Clamp Diaphragm Valve



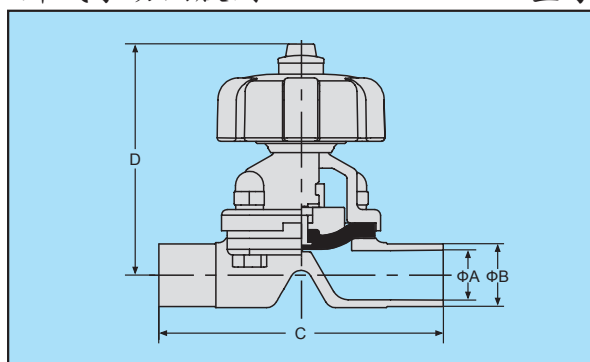
规格size	A	B	C	D	E	F	kg
DN10	10	25	72	59			
15	15	34	102	89			
25	25	50.5	127	104			
32	31	50.5	159	127			
40	37	50.5	159	130			
50	49	64	190	144			

注: 手柄为塑料手柄
The handle is plastic handle.

焊式手动隔膜阀

型号type: DGM-02

Welded Diaphragm Valve



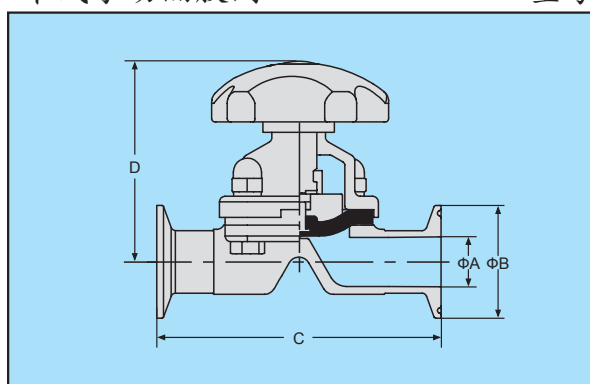
规格size	A	B	C	D	E	F	kg
DN10	10	12	72	59			
15	15	18	108	89			
25	25	28	120	104			
32	31	34	153	127			
40	37	40	153	130			
50	49	52	173	144			

注: 手柄为塑料手柄
The handle is plastic handle.

卡式手动隔膜阀

型号type: DGM-03

Clamp Diaphragm Valve



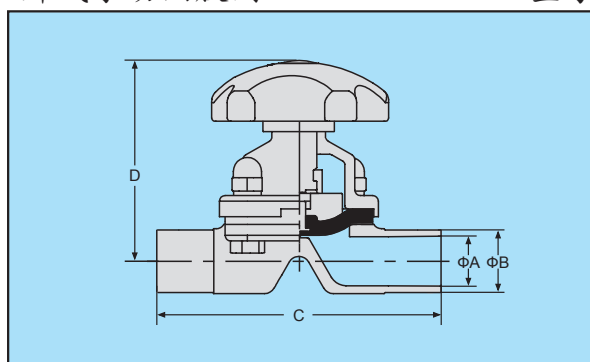
规格size	A	B	C	D	E	F	kg
DN10	10	25	72	55			
15	15	34	101.6	85			
25	25	50.5	127	93			
32	31	50.5	159	119			
40	37	50.5	159	119			
50	49	64	190	137			

注: 手柄为金属手柄
The handle is metal handle.

焊式手动隔膜阀

型号type: DGM-04

Welded Diaphragm Valve



规格size	A	B	C	D	E	F	kg
DN10	10	12	72	55			
15	15	18	108	85			
25	25	28	120	93			
32	31	34	153	119			
40	37	40	153	119			
50	49	52	173	137			

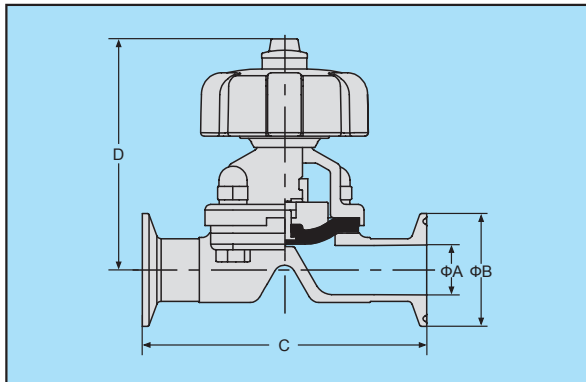
注: 手柄为金属手柄
The handle is metal handle.

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.

卡式手动隔膜阀

型号type: IGM-01

Clamp Diaphragm Valve



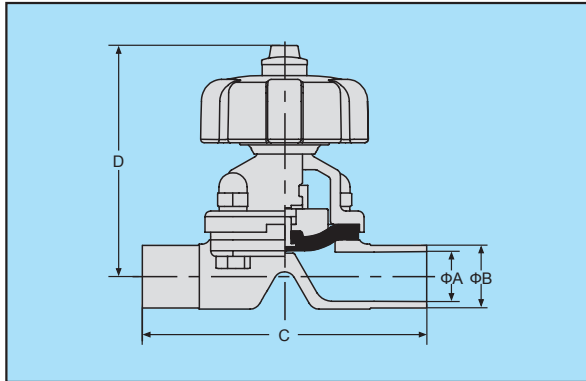
规格size	A	B	C	D	E	F	kg
1/2 ^s	9.7	25	72	59			
3/4 ^s	16.05	25	101.6	89			
1 ^s	22.4	50.5	127	104			
1.25 ^s	28.8	50.5	159	127			
1.5 ^s	35.1	50.5	159	130			
2 ^s	47.8	64	190	144			

注: 手柄为塑料手柄
The handle is plastic handle.

焊式手动隔膜阀

型号type: IGM-02

Welded Diaphragm Valve



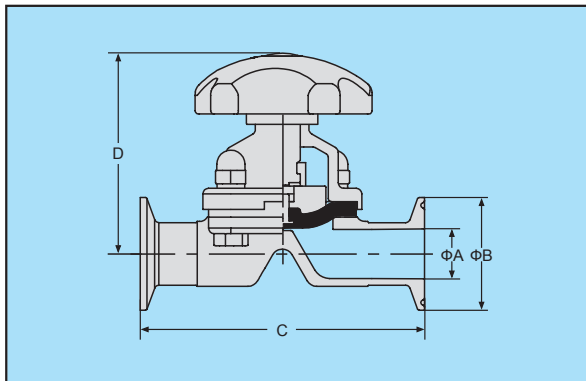
规格size	A	B	C	D	E	F	kg
1/2 ^s	9.7	12.7	72	59			
3/4 ^s	16.05	19.05	108	89			
1 ^s	22.4	25.4	120	104			
1.25 ^s	28.8	31.8	153	127			
1.5 ^s	35.1	38.1	153	130			
2 ^s	47.8	50.8	173	144			

注: 手柄为塑料手柄
The handle is plastic handle.

卡式手动隔膜阀

型号type: IGM-03

Clamp Diaphragm Valve



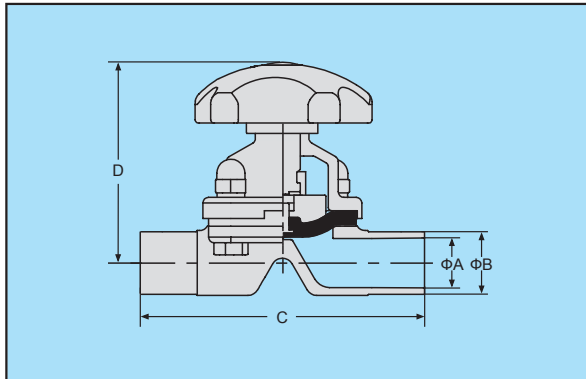
规格size	A	B	C	D	E	F	kg
1/2 ^s	9.7	25	70	55			
3/4 ^s	16.05	25	101.6	85			
1 ^s	22.4	50.5	129	93			
1.25 ^s	28.8	50.5	159	119			
1.5 ^s	35.1	50.5	159	119			
2 ^s	47.8	64	190	137			

注: 手柄为金属手柄
The handle is metal handle.

焊式手动隔膜阀

型号type: IGM-04

Welded Diaphragm Valve



规格size	A	B	C	D	E	F	kg
1/2 ^s	9.7	12.7	72	55			
3/4 ^s	16.05	19.05	108	85			
1 ^s	22.4	25.4	120	93			
1.25 ^s	28.8	31.8	153	119			
1.5 ^s	35.1	38.1	153	119			
2 ^s	47.8	50.8	173	137			

注: 手柄为金属手柄
The handle is metal handle.

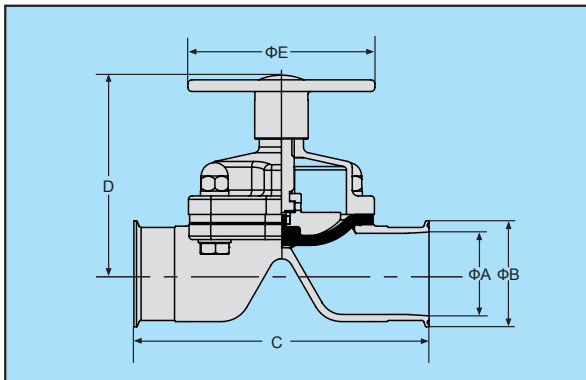
样本所示管径为DIN11850第一系列尺寸, 可按客户要求提供第二系列尺寸的产品。

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卡式手动隔膜阀

型号type: DGM-03

Clamp Diaphragm Valve



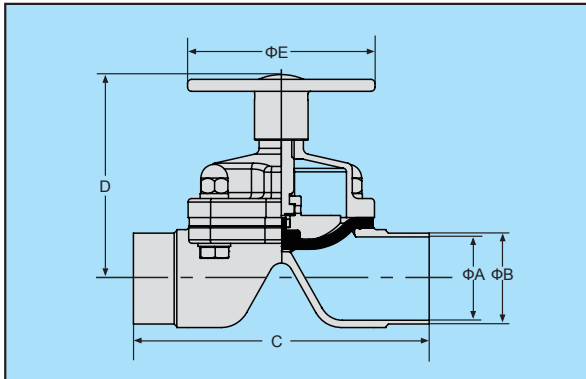
规格size	A	B	C	D	E	F
DN65	66	91	254	175	161	
80	81	106	254	181	161	
100	100	119	305	215	224	

注: 手柄为金属手轮
The handle is metal handle.

焊式手动隔膜阀

型号type: DGM-04

Welded Diaphragm Valve



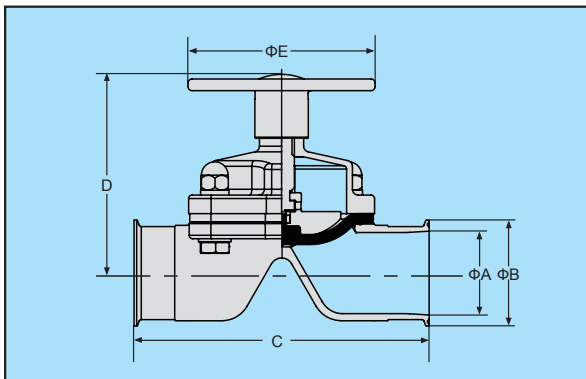
规格size	A	B	C	D	E	F
DN65	66	70	254	175	161	
80	81	85	254	181	161	
100	100	104	305	215	224	

注: 手柄为金属手轮
The handle is metal handle.

卡式手动隔膜阀

型号type: IGM-03

Clamp Diaphragm Valve



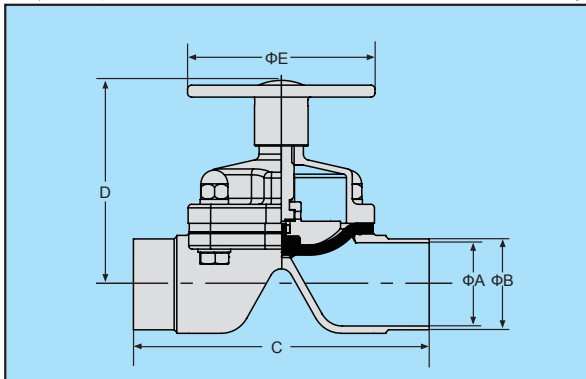
规格size	A	B	C	D	E	F
2.5 ^s	59.5	77.5	254	175	161	
3 ^s	72.1	91	254	181	161	
4 ^s	97.6	119	305	215	224	

注: 手柄为金属手轮
The handle is metal handle.

焊式手动隔膜阀

型号type: IGM-04

Welded Diaphragm Valve



规格size	A	B	C	D	E	F
2.5 ^s	59.5	63.5	254	175	161	
3 ^s	72.1	76.1	254	181	161	
4 ^s	97.6	101.6	305	215	224	

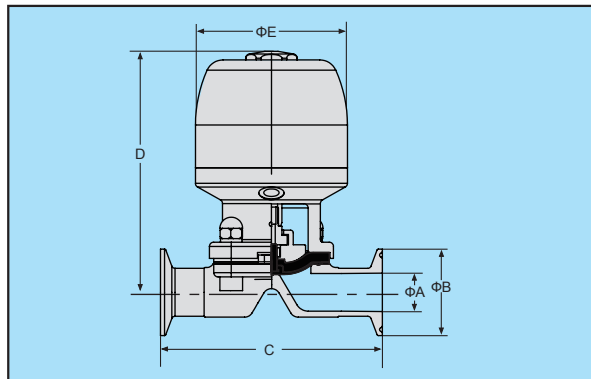
注: 手柄为金属手轮
The handle is metal handle.

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。
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卡式气动隔膜阀

型号type: DGM-05

Clamp Pneumatic Diaphragm Valve

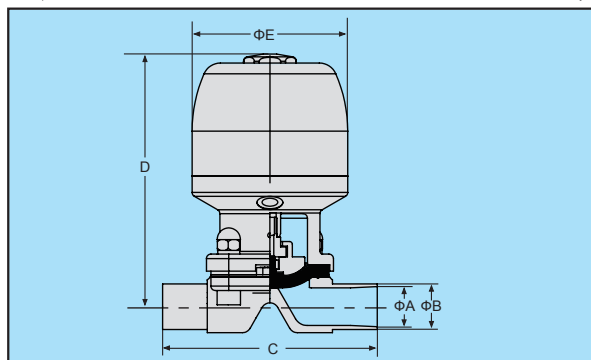


规格size	A	B	C	D	E	F	kg
DN10	10	25	72	85	45		
15	15	34	101.6	107	61		
25	25	50.5	127	141	87		
32	31	50.5	159	173	112		
40	37	50.5	159	173	112		
50	49	64	190	208	133		
65	66	91	254	300	168		
80	81	106	254	305	168		
100	100	119	305	340	228		

焊式气动隔膜阀

型号type: DGM-06

Welded Pneumatic Diaphragm Valve

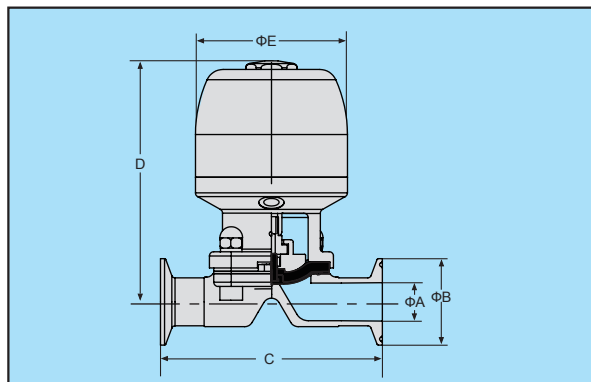


规格size	A	B	C	D	E	F	kg
DN10	10	12	72	85	45		
15	15	18	108	107	61		
25	25	28	120	141	87		
32	31	34	153	173	112		
40	37	40	153	173	112		
50	49	52	173	208	131		
65	66	70	254	300	168		
80	81	85	254	305	168		
100	100	104	305	340	228		

卡式气动隔膜阀

型号type: IGM-05

Clamp Pneumatic Diaphragm Valve

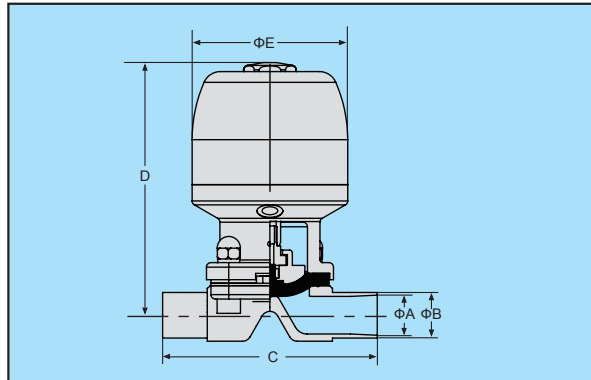


规格size	A	B	C	D	E	F	kg
1/2 ^s	9.7	25	72	85	45		
3/4 ^s	16.05	25	101.6	107	61		
1 ^s	22.4	50.5	127	141	87		
1.25 ^s	28.8	50.5	159	173	112		
1.5 ^s	35.1	50.5	159	173	112		
2 ^s	47.8	64	190	208	131		
2.5 ^s	59.5	77.5	254	300	168		
3 ^s	72.1	91	254	300	168		
4 ^s	97.6	119	305	340	228		

焊式气动隔膜阀

型号type: IGM-06

Welded Pneumatic Diaphragm Valve



规格size	A	B	C	D	E	F	kg
1/2 ^s	9.7	12.7	72	85	45		
3/4 ^s	16.05	19.05	108	107	61		
1 ^s	22.4	25.4	120	141	87		
1.25 ^s	28.8	31.8	153	173	112		
1.5 ^s	35.1	38.1	153	173	112		
2 ^s	47.8	50.8	173	208	131		
2.5 ^s	59.5	63.5	254	300	168		
3 ^s	72.1	76.1	254	300	168		
4 ^s	97.6	101.6	305	340	228		

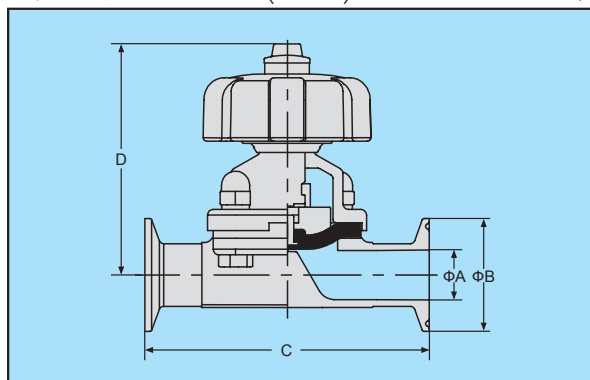
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卡式手动隔膜阀(锻造)

型号type: D2GMF-01

Clamp Diaphragm Valve



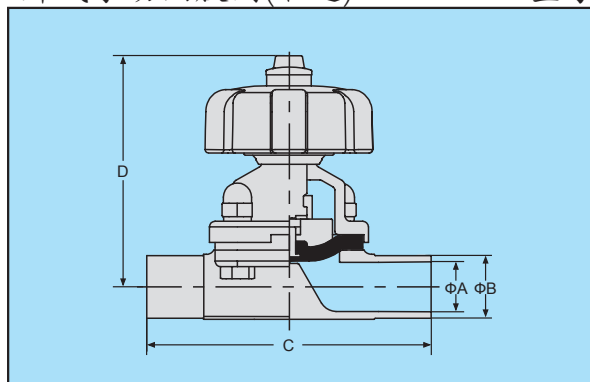
规格size	A	B	C	D	E	F	kg
DN10	10	25	72	59			
15	15	34	102	89			
25	25	50.5	127	104			
32	31	50.5	159	127			
40	37	50.5	159	130			
50	49	64	190	144			

注: 手柄为塑料手柄
The handle is plastic handle.

焊式手动隔膜阀(锻造)

型号type: D2GMF-02

Welded Diaphragm Valve



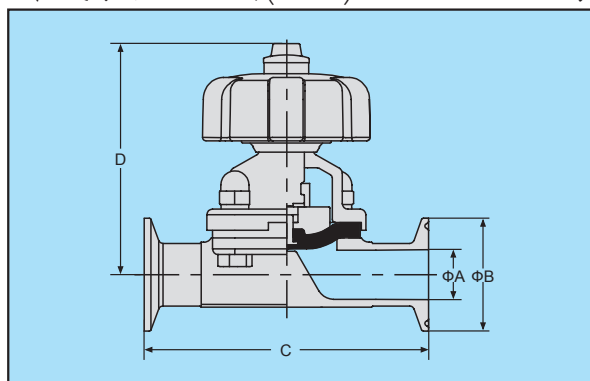
规格size	A	B	C	D	E	F	kg
DN10	10	12	72	59			
15	15	18	108	89			
25	25	28	120	104			
32	31	34	153	127			
40	37	40	153	130			
50	49	52	173	144			

注: 手柄为塑料手柄
The handle is plastic handle.

卡式手动隔膜阀(锻造)

型号type: I2GMF-01

Clamp Diaphragm Valve



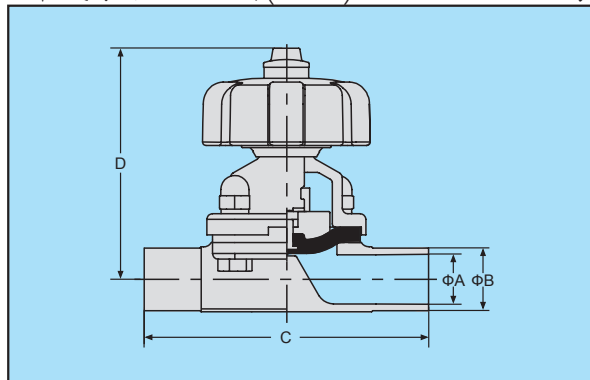
规格size	A	B	C	D	E	F	kg
1/2 ^s	9.7	25	72	59			
3/4 ^s	16.05	25.4	102	89			
1 ^s	22.4	50.5	127	104			
1.25 ^s	28.8	50.5	159	127			
1.5 ^s	35.1	50.5	159	130			
2 ^s	47.8	64	190	144			

注: 手柄为塑料手柄
The handle is plastic handle.

焊式手动隔膜阀(锻造)

型号type: I2GMF-02

Welded Diaphragm Valve



规格size	A	B	C	D	E	F	kg
1/2 ^s	9.7	12.7	72	59			
3/4 ^s	16.05	19.05	108	89			
1 ^s	22.4	25.4	120	104			
1.25 ^s	28.8	31.8	153	127			
1.5 ^s	35.1	38.1	153	130			
2 ^s	47.8	50.8	173	144			

注: 手柄为塑料手柄
The handle is plastic handle.

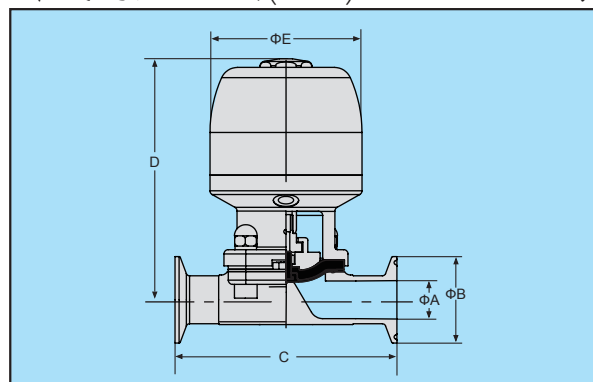
样本所示管径为DIN11850第一系列尺寸, 可按客户要求提供第二系列尺寸的产品。

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卡式气动隔膜阀(锻造)

型号type: D2GMF-05

Clamp Pneumatic Diaphragm Valve

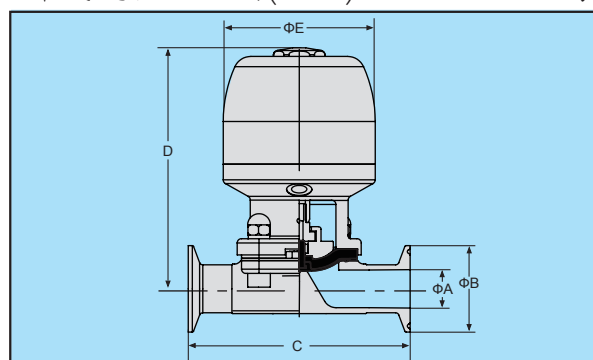


规格size	A	B	C	D	E	F	kg
DN10	10	25	72	85	45		
15	15	34	101.6	107	61		
25	25	50.5	127	141	87		
32	31	50.5	159	173	112		
40	37	50.5	159	173	112		
50	49	64	190	208	133		

焊式气动隔膜阀(锻造)

型号type: D2GMF-06

Welded Pneumatic Diaphragm Valve

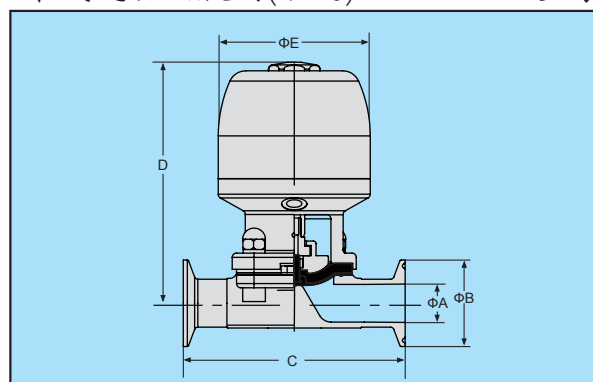


规格size	A	B	C	D	E	F	kg
DN10	10	12	72	85	45		
15	15	18	108	107	61		
25	25	28	120	141	87		
32	31	34	153	173	112		
40	37	40	153	173	112		
50	49	52	173	208	133		

卡式气动隔膜阀(锻造)

型号type: I2GMF-05

Clamp Pneumatic Diaphragm Valve

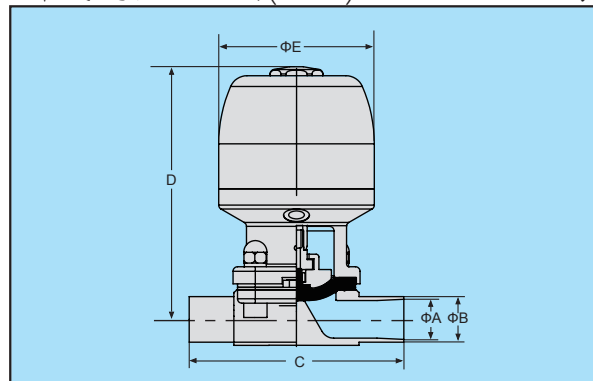


规格size	A	B	C	D	E	F	kg
1/2 ^s	9.7	25	70	85	45		
3/4 ^s	16.05	25	101.6	107	61		
1 ^s	22.4	50.5	127	141	87		
1.25 ^s	28.8	50.5	159	173	112		
1.5 ^s	35.1	50.5	159	173	112		
2 ^s	47.8	64	190	208	133		

焊式气动隔膜阀(锻造)

型号type: I2GMF-06

Welded Pneumatic Diaphragm Valve



规格size	A	B	C	D	E	F	kg
1/2 ^s	9.7	12.7	72	85	45		
3/4 ^s	16.05	19.05	108	107	61		
1 ^s	22.4	25.4	120	141	87		
1.25 ^s	28.8	31.8	153	173	112		
1.5 ^s	35.1	38.1	153	173	112		
2 ^s	47.8	50.8	173	208	133		

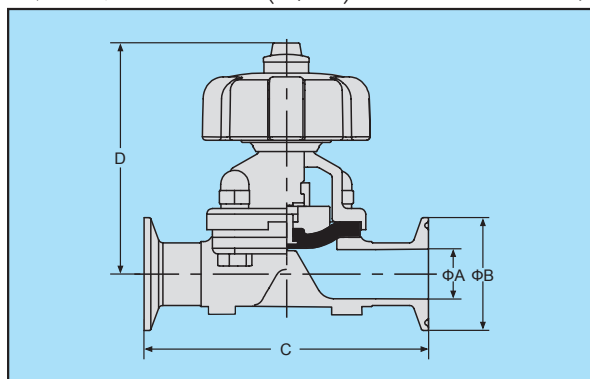
样本所示管径为DIN11850第一系列尺寸, 可按客户要求提供第二系列尺寸的产品。

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卡式手动隔膜阀(铸造)

型号type: D2GM-01

Clamp Diaphragm Valve



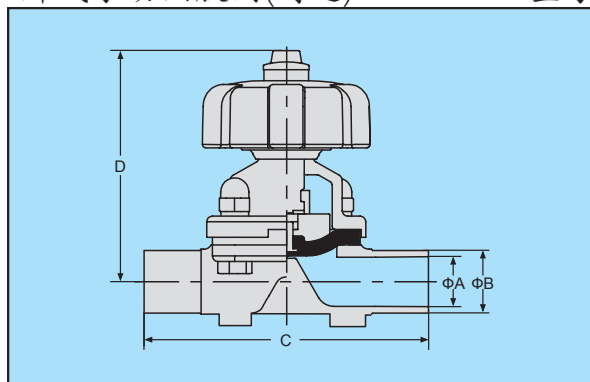
规格size	A	B	C	D	E	F	kg
DN10	10	25	72	59			
15	15	34	102	89			
25	25	50.5	127	104			
32	31	50.5	159	127			
40	37	50.5	159	130			
50	49	64	190	144			

注: 手柄为塑料手柄
The handle is plastic handle.

焊式手动隔膜阀(铸造)

型号type: D2GM-02

Welded Diaphragm Valve



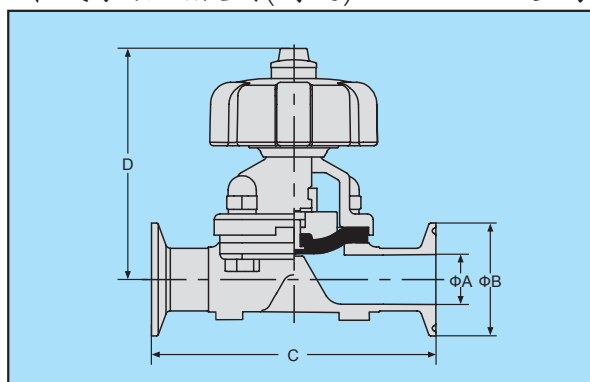
规格size	A	B	C	D	E	F	kg
DN10	10	12	72	59			
15	15	18	108	89			
25	25	28	120	104			
32	31	34	153	127			
40	37	40	153	130			
50	49	52	173	144			

注: 手柄为塑料手柄
The handle is plastic handle.

卡式手动隔膜阀(铸造)

型号type: I2GM-01

Clamp Diaphragm Valve



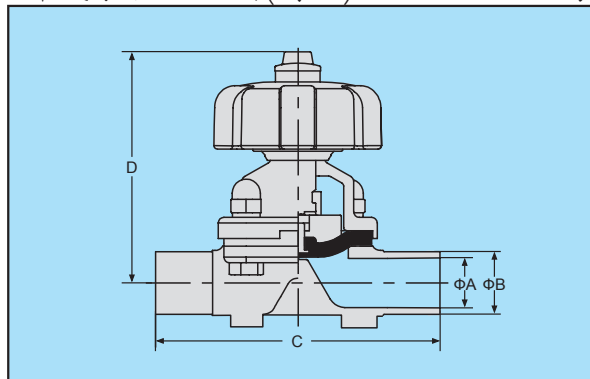
规格size	A	B	C	D	E	F	kg
1/2 ^s	9.7	25	72	59			
3/4 ^s	16.05	25.4	102	89			
1 ^s	22.4	50.5	127	104			
1.25 ^s	28.8	50.5	159	127			
1.5 ^s	35.1	50.5	159	130			
2 ^s	47.8	64	190	144			

注: 手柄为塑料手柄
The handle is plastic handle.

焊式手动隔膜阀(铸造)

型号type: I2GM-02

Welded Diaphragm Valve



规格size	A	B	C	D	E	F	kg
1/2 ^s	9.7	12.7	72	59			
3/4 ^s	16.05	19.05	108	89			
1 ^s	22.4	25.4	120	104			
1.25 ^s	28.8	31.8	153	127			
1.5 ^s	35.1	38.1	153	130			
2 ^s	47.8	50.8	173	144			

注: 手柄为塑料手柄
The handle is plastic handle.

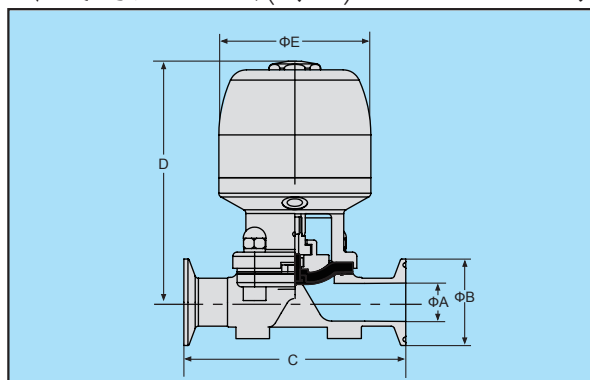
样本所示管径为DIN11850第一系列尺寸, 可按客户要求提供第二系列尺寸的产品。

The sizes marked in the handbook is DIN11850 NO.1 serie, No.2 serie products can also be offered by LYSF.

卡式气动隔膜阀(铸造)

型号type: D2GM-05

Clamp Pneumatic Diaphragm Valve

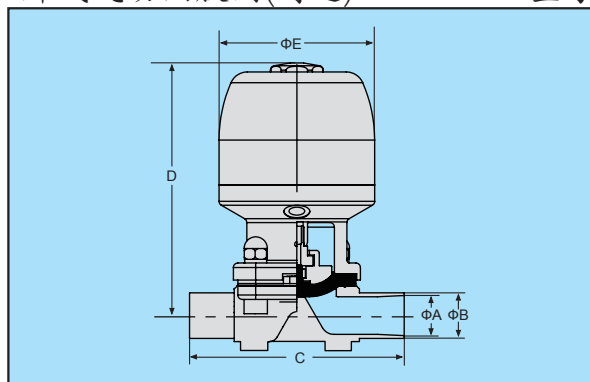


规格size	A	B	C	D	E	F	kg
DN10	10	25	70	85	45		
15	15	34	101.6	107	61		
25	25	50.5	127	141	87		
32	31	50.5	159	173	112		
40	37	50.5	159	173	112		
50	49	64	190	208	133		

焊式气动隔膜阀(铸造)

型号type: D2GM-06

Welded Pneumatic Diaphragm Valve

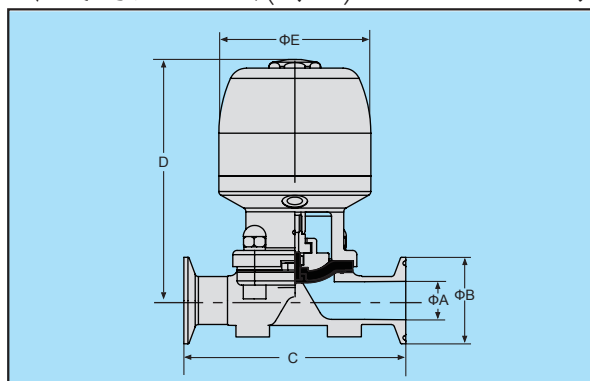


规格size	A	B	C	D	E	F	kg
DN10	10	12	72	85	45		
15	15	18	108	107	61		
25	25	28	120	141	87		
32	31	34	153	173	112		
40	37	40	153	173	112		
50	49	52	173	208	133		

卡式气动隔膜阀(铸造)

型号type: I2GM-05

Clamp Pneumatic Diaphragm Valve

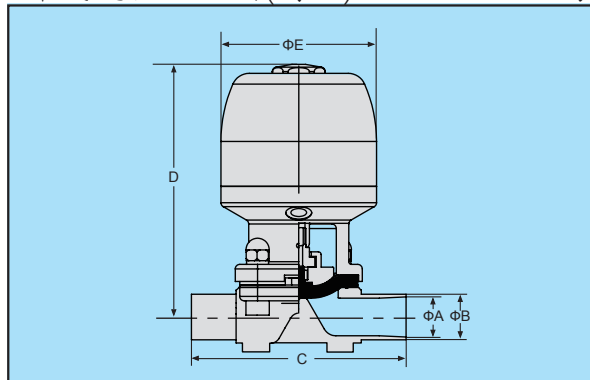


规格size	A	B	C	D	E	F	kg
1/2 ^s	9.7	25	70	85	45		
3/4 ^s	16.05	25.4	101.6	107	61		
1 ^s	22.4	50.5	127	141	87		
1.25 ^s	28.8	50.5	159	173	112		
1.5 ^s	35.1	50.5	159	173	112		
2 ^s	47.8	64	190	208	133		

焊式气动隔膜阀(铸造)

型号type: I2GM-06

Welded Pneumatic Diaphragm Valve



规格size	A	B	C	D	E	F	kg
1/2 ^s	9.7	12.7	72	85	45		
3/4 ^s	16.05	19.05	108	107	61		
1 ^s	22.4	25.4	120	141	87		
1.25 ^s	28.8	31.8	153	173	112		
1.5 ^s	35.1	38.1	153	173	112		
2 ^s	47.8	50.8	173	208	133		

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.