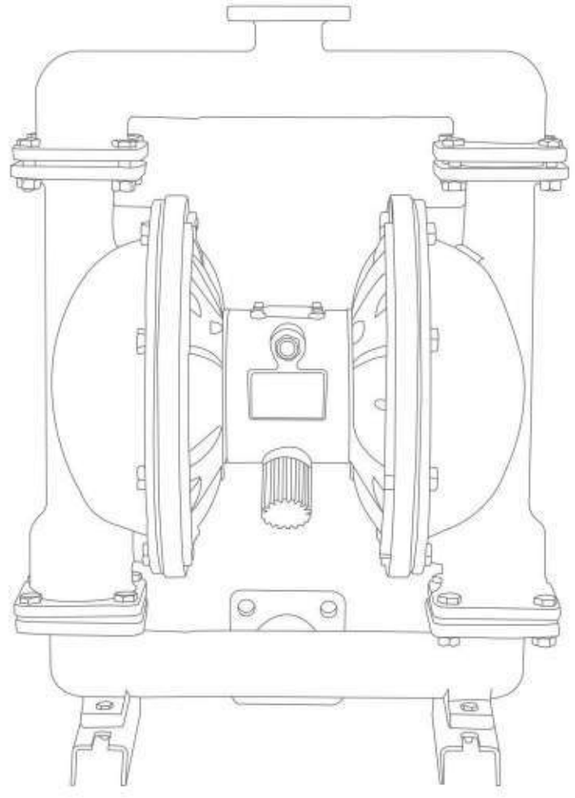
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MANUAL

INSTRUCTION MANUAL

隔膜泵使用说明书



主要用途

1、泵吸花生酱、泡菜、土豆泥、红肠、
巧克力、啤酒花、糖浆等；
2、泵吸油漆、颜料、胶水、粘合剂等；
3、泵吸各种瓦、瓷、砖器及陶器釉浆等；
4、泵吸各种磨料、腐蚀剂、清洗油垢等
5、泵吸各种剧毒、易燃、易发挥液体等；
6、泵吸各种污水、水泥灌浆及灰浆等；
7、泵吸各种强酸、强碱、强腐蚀液体等；
8、作为各种固液分离设备的前级送压装置。

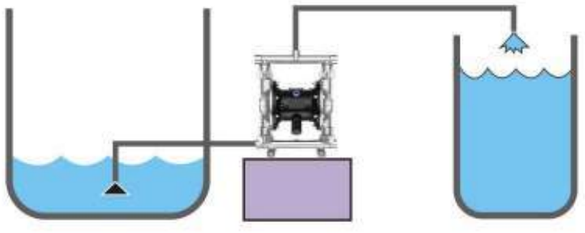
工作原理

在泵的两个对称工作腔中，各装有一片有弹性的隔膜，联杆将两块隔膜结成一体，压缩空气从泵的进气接头进入配气阀后，推动两个工作腔内的隔膜，驱使联杆联接的两块隔膜同步运行。与此同时，另一工作腔中的气体则从其隔膜的背后排出泵外。一旦到达行程终点。配气机构则自动地将压缩空气引入另一工作腔，推动隔膜朝相反方向运动，这样就形成了两个隔膜的同步往复运动。每个工作腔中又设置有两个单向球阀，隔膜的往复运动，造成工作腔内容积的改变，迫使两个单向球阀交替地开启和关闭，从而将液体连续地吸入和排出。

注意事项

注意事项

1、保证流体中所含的颗粒不超过泵的安全通过颗粒直径标准。气动隔膜泵的排气中可能含有固体物，不要将排气口对着工作区或者人，以免造成人身伤害。
2、进气压力不要超过泵的允许使用压力，高于额定压力的压缩空气可能导致人身伤害和财产的损失及损坏泵的性能。
3、保证泵压的管道系统能承受所达到得输出压力，保证驱动气路系统的清洁和正常工作条件。
4、静电火花可能引起爆炸导致人身伤亡事故和财产的损失，根据需要使用足够大截面积的导线，把泵上的接地螺钉妥善可靠接地。
5、接地要求符合当地法规法律要求及现场的一些特殊要求的规定。
6、紧固好泵及各连接管接头，防止因振动撞击擦产生静电火花。使用抗静电软管。
7、要周期性的检查和测试接地系统的可靠性，要求接地电阻小于100欧姆。定期的维护检查，是能够很好的运行气动隔膜泵的必要条件。
8、保持良好的排气和通风、远离易燃易爆和热源。这点很重要，远离危险物品。
9、当输送易燃和有毒的流体时，请将排口接到远离工作区的安全地方。
10、请使用至少3/8"内径内壁光滑的管道连接排气口和消声器。
11、当隔膜失效时，输送的物料会从排气消声器中喷出。
12、正确使用泵，不允许长时间的空运转。
13、气动隔膜泵如输送的有害有毒流体泵，请不要把泵直接送到厂家来修理。根据当地法律法规妥善处理，并使用纯正配件以保证使用寿命。
14、保证泵压的管道系统能承受所达到得输出压力，保证驱动气路系统的清洁和正常工作条件。
15、气动隔膜泵保证所有接触输送体的部件不会被输送的流体腐蚀损坏。
16、紧固好泵及各连接管接头，防止因振动撞击擦产生静电火花。使用抗静电软管。
17、气动隔膜泵流体的高压可能会导致严重的人身伤亡和财产损失，请不要在泵加压时，对泵及料 管系统进行任何的维修工作，如要做维修时，先切断泵的进气，打开旁通的卸压机构使管路系统卸压，慢慢松开连接的各管道接头。
18、液体输送部分使用铝合金材料的泵，请不要用来输送含有Fe3+的液体和卤代烃及其他的卤代碳氢化合物溶剂，则将会产生腐蚀引起泵体爆裂。
19、保证所有的操作人员熟悉操作使用和掌握泵的安全使用注意事项，必要的话，配给必需的防护用品。
20、气动隔膜泵接地要求符合当地法规法律要求及现场的一些特殊要求的规定。
21、进气压力不要超过泵的允许使用压力，高于额定压力的压缩空气可能导致人身伤害和财产的损失及损坏泵的性能。
22、气动隔膜泵保证流体中所含的颗粒不超过泵的安全通过颗粒直径标准。



Main uses

1. Pump peanut butter, kimchi, mashed potatoes, red sausage Chocolate, hops, syrup, etc;
2. Pump paint, pigments, glue, adhesives, etc;
3. Pump and suck various types of tiles, porcelain, brick ware, and pottery glaze slurry, etc;
4. Pumping various abrasives, corrosives, cleaning oil stains, etc
5. Pumping various highly toxic, flammable, and easily flammable liquids;
6. Pumping various types of sewage, cement grouting, and mortar;
7. Pump various strong acids, alkalis, corrosive liquids, etc;
8. As a front-end pressure delivery device for various solid-liquid separation equipment.

Working principle

In the two symmetrical working chambers of the pump, each is equipped with an elastic diaphragm. The connecting rod connects the two diaphragms together, and compressed air enters the distribution valve from the inlet joint of the pump, pushing the diaphragms in both working chambers to drive Synchronize the two diaphragms connected by the connecting rod. At the same time, the gas in the other working chamber is discharged from the pump behind its diaphragm. Once reaching the end of the journey. The valve distribution mechanism automatically introduces compressed air into another working chamber, pushing the diaphragm to move in the opposite direction, thus forming a synchronous reciprocating motion of the two diaphragms. There are two one-way ball valves installed in each working chamber, and the reciprocating movement of the diaphragm causes a change in the volume of the working chamber, forcing the two one-way ball valves to open and close alternately, thereby continuously inhaling and discharging liquid.

note

Precautions

1. Ensure that the particles contained in the fluid do not exceed the safe particle diameter standard of the pump. The exhaust of the pneumatic diaphragm pump may contain solids. Do not point the exhaust port towards the work area or people to avoid personal injury.
2. The intake pressure should not exceed the allowable operating pressure of the pump. Compressed air above the rated pressure may cause personal injury, property damage, and damage to the pump's performance.
3. Ensure that the pump pressure pipeline system can withstand the output pressure achieved, and ensure the cleanliness and normal working conditions of the driving gas pipeline system.
4. Electrostatic sparks may cause explosions that can cause personal injury or property damage. Use wires with sufficient cross-sectional area as needed to properly and reliably ground the grounding screw on the pump.
5. The grounding requirements comply with local regulations and legal requirements, as well as some special on-site requirements.
6. Tighten the pump and all connecting pipe joints to prevent static sparks caused by vibration, impact, and friction. Use anti-static hoses.
7. To periodically check and test the reliability of the Earthing system, the grounding resistance is required to be less than 100 ohms. Regular maintenance and inspection are necessary conditions for the proper operation of pneumatic diaphragm pumps.
8. Maintain good exhaust and ventilation, and keep away from flammable, explosive, and heat sources. This is important to stay away from dangerous goods.
9. When transporting flammable and toxic fluids, please connect the discharge port to a safe place away from the work area.
10. Please use a pipe with a smooth inner wall of at least 3/8 "inner diameter to connect the exhaust port and muffler.
11. When the diaphragm fails, the conveyed material will be ejected from the exhaust muffler.
12. Use the pump correctly and do not allow prolonged idle operation.
13. If the pneumatic diaphragm pump is used to transport harmful and toxic fluids, please do not send the pump directly to the manufacturer for repair. Properly handle according to local laws and regulations, and use genuine accessories to ensure service life.
14. Ensure that the pump pressure pipeline system can withstand the output pressure achieved, and ensure the cleanliness and normal working conditions of the driving gas pipeline system.
15. The pneumatic diaphragm pump ensures that all components in contact with the conveying body will not be corroded or damaged by the conveyed fluid.
16. Tighten the pump and all connecting pipe joints to prevent static sparks caused by vibration, impact, and friction. Use anti-static hoses.
17. The high pressure of the fluid in the pneumatic diaphragm pump may cause serious casualties and property losses. Please do not carry out any maintenance work on the pump and material pipe system when the pump is pressurized. If maintenance is required, first cut off the air inlet of the pump, open the bypass pressure relief mechanism to depressurize the Plumbing, and slowly loosen the connected pipe joints.
18. The liquid conveying part of the pump is made of aluminum alloy material. Please do not use it to transport liquids containing Fe3+, halogenated hydrocarbons, and other halogenated hydrocarbon solvents, as corrosion may occur and the pump body may burst.
19. Ensure that all operators are familiar with the operation and use of the pump, and master the safety precautions for use. If necessary, provide necessary protective equipment.
20. The grounding requirements for pneumatic diaphragm pumps shall comply with local regulations and legal requirements, as well as some special on-site requirements.
21. The intake pressure should not exceed the allowable operating pressure of the pump. Compressed air above the rated pressure may cause personal injury, property damage, and damage to the pump's performance.
22. The pneumatic diaphragm pump ensures that the particles contained in the fluid do not exceed the pump's
Safe passage of particle diameter standards.

QBY结构图及配件　QBY Structural drawing and fittings



编号 NO.	名称 name	编号 NO.	名称 name	编号 NO.	名称 name	编号 NO.	名称 name
1	出口管道 Outlet pipeline	5	连杆套 Connecting rod sleeve	9	中间体垫片 Intermediate gasket	13	四氟/F46特氟龙膜片 Tetrafluoro/F46 Teflon diaphragm
2	进口管道 Inlet pipeline	6	连杆轴内O型圈 Connecting rod shaft inner O-ring	10	隔排 Spacing	14	外压板 External pressure plate
3	立柱 Column	7	连杆轴外O型圈 Connecting rod shaft outer O-ring	11	内压板 Inner pressure plate	15	压板螺丝 Pressing plate screw
4	中间体 Intermediate	8	连杆轴 Connecting rod shaft	12	丁青膜片 Ding Qing diaphragm	16	球（A） Ball (A)

编号 NO.	名称 name	编号 NO.	名称 name	编号 NO.	名称 name	编号 NO.	名称 name
17	球座O型圈(C) Ball seat O-ring (C)	21	气阀上盖 Upper cover of air valve	25	配气阀 Air distribution valve	29	进口管道螺丝 Imported pipeline screws
18	球座（B） Ball socket (B)	22	气阀上盖O型圈 O-ring on the upper cover of the air valve	26	活塞 piston	30	出口管道螺丝 Outlet pipeline screw
19	立柱螺丝 Column screw	23	气阀按杆O型圈 Air valve stem O-ring	27	气阀下盖O型圈 O-ring for the lower cover of the air valve	31	消声器盖板 Silencer cover plate
20	气阀垫片 Air valve gasket	24	气阀按杆 Air valve press rod	28	气阀下盖 Lower cover of air valve	32	消声器 muffler

QBY 气动隔膜泵系列
Pneumatic diaphragm pump series





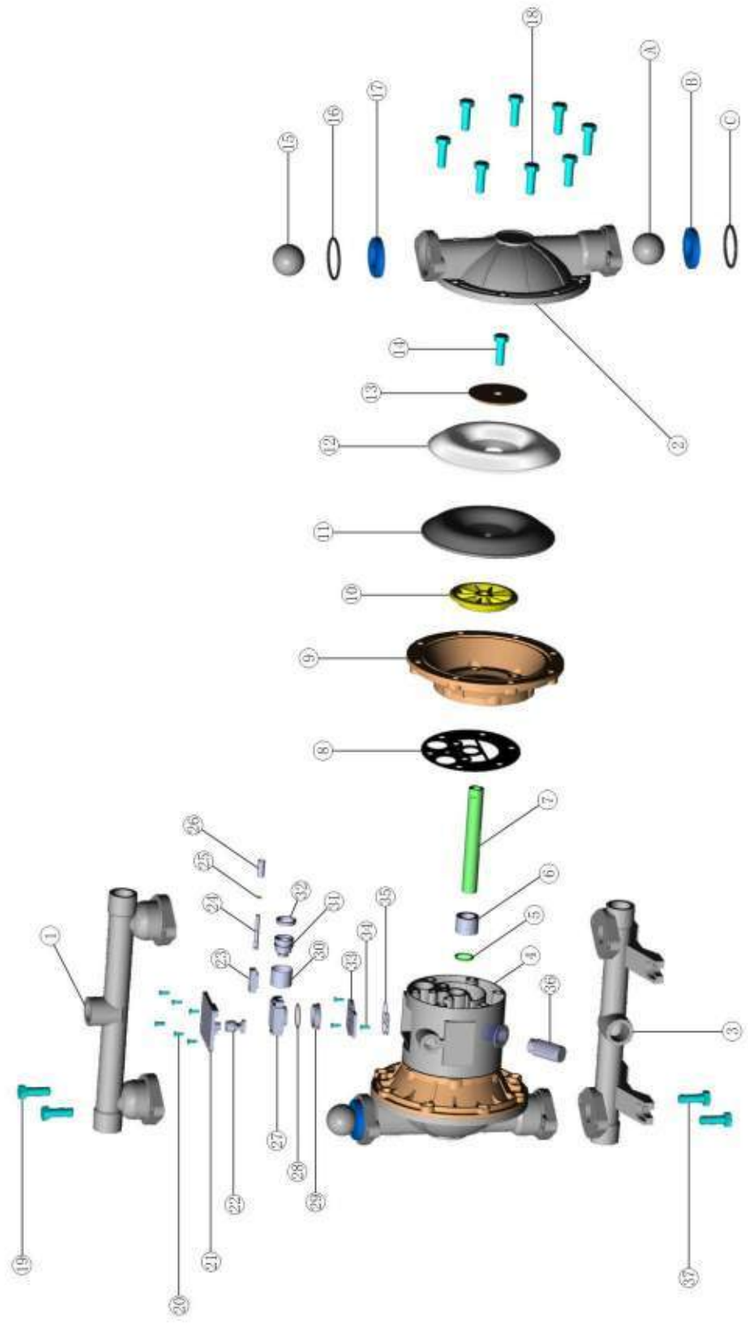




性能参数 /Performance parameter

型号 Model	流量 Capacity (m³/h)	扬程 Head (m)	出口压力 Exit pressure (kgf/cm²)	吸程 Suckedlift (m)	最大允许颗粒直径 Max graindia (mm)	最大供气压力 Max pressure (cgf/cm²)	最大空气消耗量 Maxair Consumption (m³/min)	正常空气消耗量 Consumption (m³/min)	材料 Material				
									铝 ZL104	不锈钢 1Cr18Ni9Ti	铸铁 HT200	增强聚丙烯 Enhanced polypropy lene	过滤部分衬氟 Fluorin-linling in filtrated partF46(EFP)P0
QBY-10	0-0.8	0-50	6	0-3	1	7	0.6	0.3	★	★	★	★	/
QBY-15	0-1	0-50	6	0-3	1	7	0.6	0.3	★	★	★	★	/
QBY-25	0-2.4	0-50	6	0-5	2.5	7	1.7	0.6	★	★	★	★	★
QBY-40	0-8	0-50	6	0-5	4.5	7	1.7	0.6	★	★	★	★	★
QBY-50	0-12	0-50	6	0-5	8	7	4.9	1.7	★	★	★	/	★
QBY-65	0-16	0-50	6	0-5	8	7	4.9	1.7	★	★	★	/	★
QBY-80	0-24	0-50	6	0-5	10	7	9.1	3	★	★	★	/	/
QBY-100	0-30	0-50	6	0-5	10	7	9.1	3	★	★	★	/	/

QBY-K结构图及配件 QBY-K Structural drawing and fittings



编号 NO.	名称 name	编号 NO.	名称 name	编号 NO.	名称 name	编号 NO.	名称 name
1	出口管道 Outlet pipeline	6	连杆轴套 Connecting rod sleeve	11	丁青膜片 Ding Qing diaphragm	16	球座O型圈（C） Ball seat O-ring (C)
2	立柱 Column	7	连杆轴 Connecting rod shaft	12	四氟/丁纳特氟龙膜片 Sitafluon/F46 Teflon diaphragm	17	球座（B） Ball socket (B)
3	进口管道 Inlet pipeline	8	中间体垫片 Intermediate gasket	13	外压板 External pressure plate	18	立柱螺丝 Column screw
4	中间体 Intermediate	9	隔排 Spacing	14	压板螺丝 Pressing plate screw	19	出口管道螺丝 Outlet pipeline screw
5	连杆轴套O型圈 Connecting rod sleeve O-ring	10	内压板 Inner pressure plate	15	球（A） Ball (A)	20	盖板螺丝 Cover screw

编号 NO.	名称 name	编号 NO.	名称 name	编号 NO.	名称 name	编号 NO.	名称 name
21	盖板 Cover plate	26	助动轴套 Auxiliary shaft sleeve	31	活塞 piston	36	消声器 muffler
22	盖板胶套 Cover rubber sleeve	27	滑块 slider	32	活塞Y型圈 Y-shaped piston ring	37	进口管道螺丝 Inported pipeline screws
23	助动滑块 Auxiliary slider	28	滑块O型圈 Slide O-ring	33	滑板 skateboard		
24	助动轴 Moving axis	29	密封滑圈 Sealing slip ring	34	滑板螺丝 Slide plate screw		
25	助动轴O型圈 Auxiliary shaft O-ring	30	活塞套 Piston sleeve	35	蝶形O型圈 Butterfly shaped O-ring		

QBY-K 气动隔膜泵系列
Pneumatic diaphragm pump series





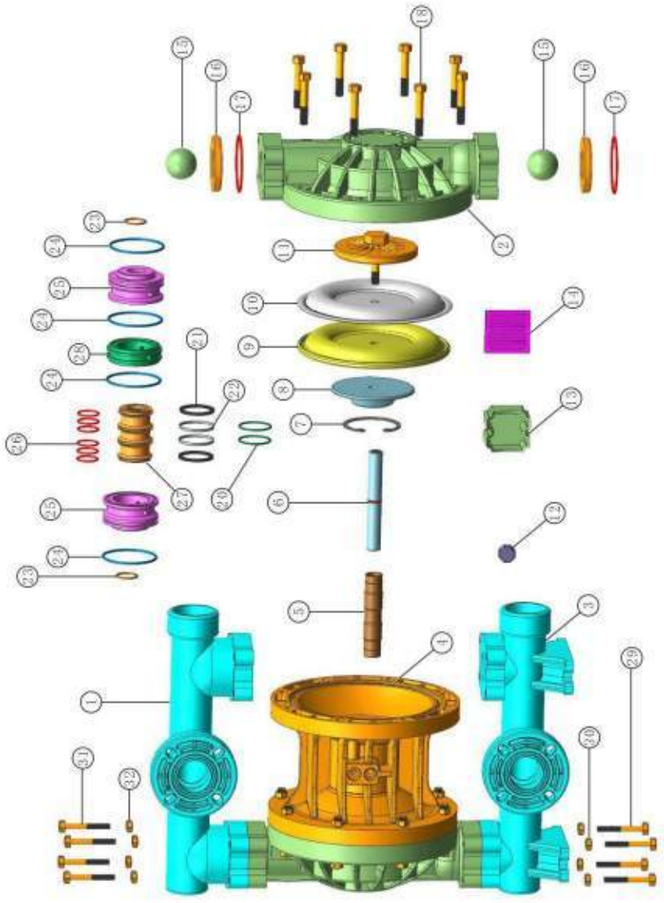




性能参数 /Performance parameter

型号 Model	流量 Capacity (m³/h)	扬程 Head (m)	出口压力 Exit pressure (kgf/cm²)	吸程 Suckedlift (m)	最大允许颗粒直径 Max graindia (mm)	最大供气压力 Max pressure (cgf/cm²)	最大空气消耗量 Maxair Consumption (m³/min)	正常空气消耗量 Consumption (m³/min)	材料 Material				
									铝 ZL104	不锈钢 1Cr18Ni9Ti	铸铁 HT200	增强聚丙烯 Enhanced polypropy lene	过滤部分衬氟 Fluorin-linling in filtrated partF46(EFP)P0
QBY-K10	0-0.8	0-50	6	0-3	1	7	0.6	0.3	★	★	★	★	/
QBY-K15	0-1	0-50	6	0-3	1	7	0.6	0.3	★	★	★	★	/
QBY-K25	0-2.4	0-50	6	0-5	2.5	7	1.7	0.6	★	★	★	★	★
QBY-K40	0-8	0-50	6	0-5	4.5	7	1.7	0.6	★	★	★	★	★
QBY-K50	0-12	0-50	6	0-5	8	7	4.9	1.7	★	★	★	/	★
QBY-K65	0-16	0-50	6	0-5	8	7	4.9	1.7	★	★	★	/	★
QBY-K80	0-24	0-50	6	0-5	10	7	9.1	3	★	★	★	/	/
QBY-K100	0-30	0-50	6	0-5	10	7	9.1	3	★	★	★	/	/

CX结构图及配件 CX Structural drawing and fittings



编号 NO.	名称 name	编号 NO.	名称 name	编号 NO.	名称 name
1	出口管 Outlet pipe	7	内卡簧 Inner circlip	13	
2	立柱 Column	8	内压板 Inner pressure plate	14	
3	进口管 Inlet pipe	9	TPEE膜片 TPEE diaphragm	15	
4	中间体 Intermediate of	10	F46膜片 F46 diaphragm	16	
5	中间轴套 intermediate shaft sleeve	11	外压板 External pressure plate	17	
6	中心轴 Central axis	12	进气孔 Air inlet	18	

编号 NO.	名称 name	编号 NO.	名称 name
19	消声器 muffler	25	活塞内孔O型圈 O-ring for piston inner hole
20	消声器盖 Muffler cover	26	活塞 piston
21	球 ball	27	活塞中心套 piston center sleeve
22	球座 Ball socket	28	进口螺丝 Imported screws
23	球座密封圈 Ball seat sealing ring	29	螺丝垫片 Screw gasket
24	立柱螺丝 Column screw	30	出口螺丝 Outlet screw
		31	螺丝垫片 Screw gasket

CX 气动隔膜泵系列
Pneumatic diaphragm pump series

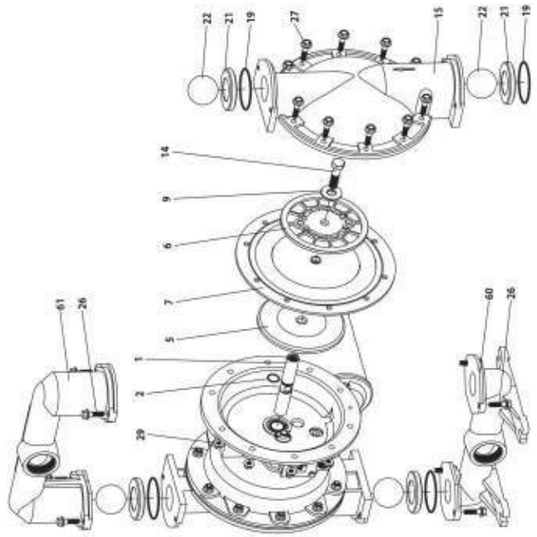


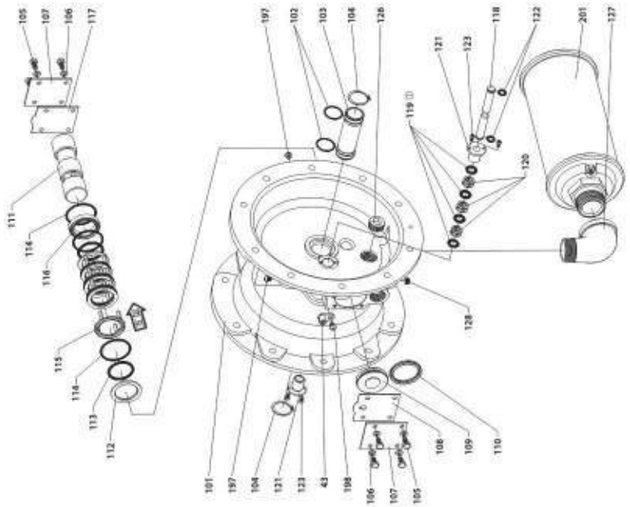


性能参数 /Performance parameter

型号 Model	流量 Capacity (m³/h)	扬程 Head (m)	出口压力 Exit pressure (kgf/cm)	吸程 Suckedlift (m)	最大允许颗粒直径 Max graindia (mm)	最大供气压力 Max pressure (cgf/cm²)	最大空气消耗量 Maxair Consumption (m³/min)	正常空气消耗量 Consumption (m³/min)	材料 Material				
									铝 ZL104	不锈钢 1Cr18Ni9Ti	铸铁 HT200	增强聚丙烯 Enhanced polypropy lene	过滤部分衬氟 Fluorin-linling in filtrated partF46(EFP)P0
CX-15	0-2	0-60	6	0-3	1	7	0.6	0.3	★	★	★	★	/
CX-25	0-3.5	0-60	6	0-3	2.5	7	1.7	0.6	★	★	★	★	★
CX-40	0-8	0-60	6	0-3	4.5	7	1.7	0.6	★	★	★	★	★
CX-50	0-15	0-60	6	0-3	8	7	4.9	1.7	★	★	★	★	★
CX-80	0-25	0-60	6	0-3	10	7	9.1	3	★	★	★	★	★

CH结构图及配件 CHStructural drawing and fittings





项目 proj	名称 name	项目 proj	名称 name	项目 proj	名称 name
101	马达体 Matthian body	105	情螺钉 cap screw	109	活塞 piston
102	"o"形圈 O-ring (1/16"x 1-1/4" 外径/OD)			110	"U"形杯 U-shaped cup
103	套筒 To simplify	106	锁紧垫圈 lock washer	111	轴杆 shaft lever
104	档圈 retainer ring (1-5/32"外径/inches)			112	垫圈 Washers
105	螺钉/锁紧垫圈 Screw/lock washer	107	板 board	113	"0"形圈 O-ring
		108	垫片(带有槽口) Gaskets (with notches)	114	"0"形圈 O-ring

项目 proj	名称 name	项目 proj	名称 name	项目 proj	名称 name
115	隔圈 spacer	121	端盖筒 End sleeve	197	圆头螺钉 Round head screw
116	隔圈 spacer	122	"0"形圈 O-ring	198	圆头螺钉 Round head screw
117	垫片 shim	123	螺钉 screw	201	消音器套件 Silencer kit
118	导阀杆 Guide valve stem	126	管塞 Pipe plug		
119	"0"形圈 O-ring	127	管接头 Pipe joint		
120	隔圈 spacer	128	管塞 Pipe plug		

CH 气动隔膜泵系列
Pneumatic diaphragm pump series





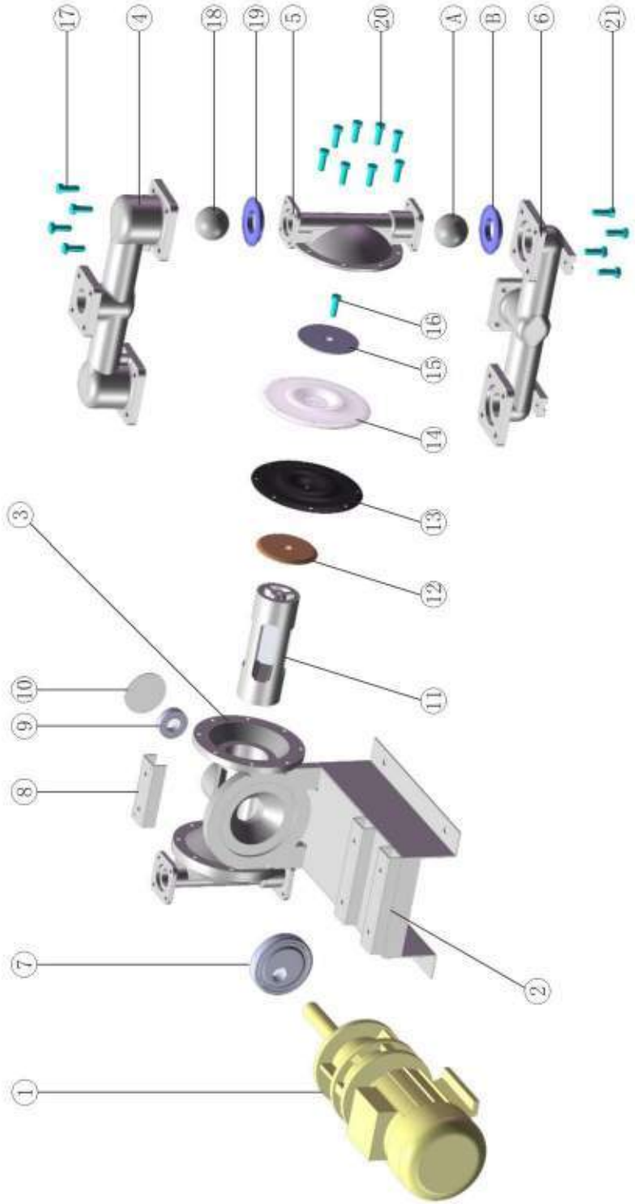




性能参数 /Performance parameter

型号 Model	流量 Capacity (m³/h)	扬程 Head (m)	出口压力 Exit pressure (kgf/cm²)	吸程 Suckedlift (m)	最大允许颗粒直径 Max graindia (mm)	最大供气压力 Max pressure (cgf/cm²)	最大空气消耗量 Maxair Consumption (m³/min)	正常空气消耗量 Consumption (m³/min)	材料 Material			
									铝 ZL104	不锈钢 1Cr18Ni9Ti	铸铁 HT200	增强聚丙烯 Enhanced polypropy lene
CH-25	0-7	0-70	7	0-5	2.5	7	1.7	0.6	★	★	★	★
CH-40	0-15	0-70	7	0-5	4.5	7	1.7	0.6	★	★	★	★
CH-50	0-25	0-70	7	0-5	8	7	4.9	1.7	★	★	★	★
CH-80	0-45	0-70	7	0-5	10	7	9.1	3	★	★	★	/

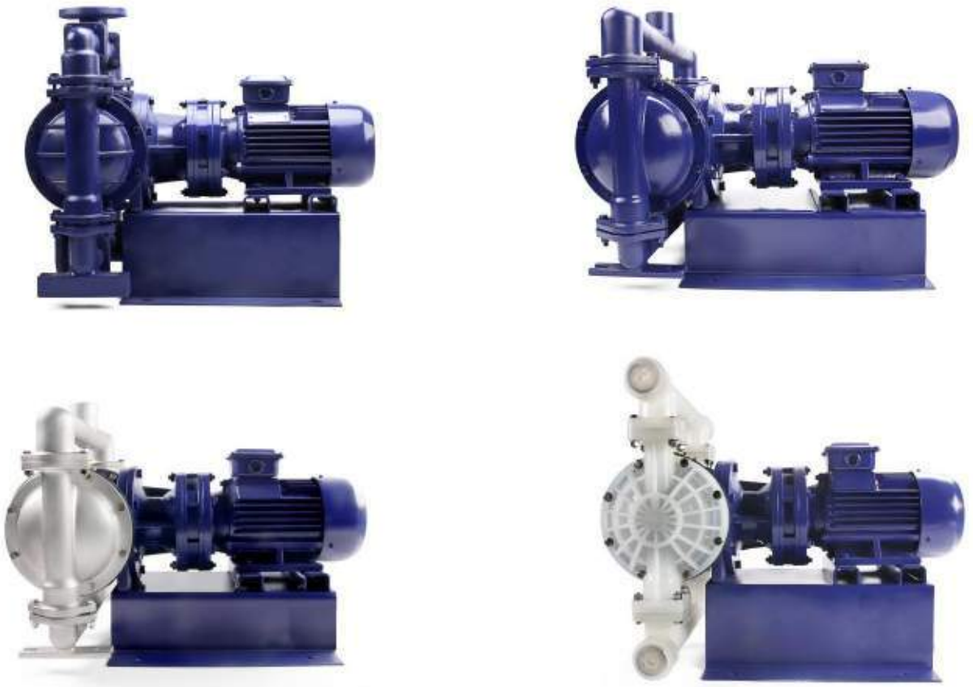
DBY结构图及配件 DBY Structural drawing and fittings



编号 NO.	名称 name	编号 NO.	名称 name	编号 NO.	名称 name	编号 NO.	名称 name
1	电机 electrical machinery	4	出口管道 Outlet pipeline	7	偏心轮 Eccentric wheel	10	轴承盖 Bearing cover
2	底盘 chassis	5	立柱 Column	8	加油盖 Refueling cap	11	连杆轴 Connecting rod
3	中间体 intermediate	6	进口管道 Inlet pipeline	9	轴承 bearing	12	内压板 Inner pressure plate

编号 NO.	名称 name	编号 NO.	名称 name	编号 NO.	名称 name	编号 NO.	名称 name
13	丁青膜片 Ding Qing diaphragm	16	压板螺丝 Pressing plate screw	19	球座 Ball socket		
14	四氟/F46特氟龙膜片 Tetrafluoro/46 Teflon diaphragm	17	出口管道螺丝 Outlet pipeline screw	20	立柱螺丝 Column screw		
15	外压板 External pressure plate	18	球 ball	21	进口管道螺丝 Imported pipeline screws		

DBY 电动隔膜泵系列
Electric diaphragm pump series



性能参数 /Performance parameter

型号 Model	流量 Capacity (m³/h)	吸程 Suckedlift (m)	扬程 Head (m)	出口压力 Exit pressure (kgf/cm²)	转速/功率 Speed/Power (r/min/kw)	使用温度℃ USE temperature (℃)		泵进出口连接 Pump inlet and outlet connection	重量 Weight (Kg)	备注 Remarks
						铸铁 Cast iron	不锈钢 Stainless steel			
DBY-10	0.5	3	30	3	1450/0.75	90	150	10mm螺纹(Thread)	45	重量以铸钢木箱包装好为标准 Weight is based on cast steel wooden box packaging
DBY-15	0.75	3	30	3	1450/0.75	90	150	15mm螺纹(Thread)	45	
DBY-25	3.5	4	30	3	1450/1.5	90	150	25mm螺纹(Thread)	110	
DBY-40	4.5	4	30	3	1450/1.5	90	150	40mm螺纹(Thread)	110	
DBY-50	6.5	4.5	30	3	1450/2.2	90	150	50mm法兰(Flange)	210	
DBY-65	8	4.5	30	3	1450/2.2	90	150	65mm法兰(Flange)	210	
DBY-80	16	5	30	3	1450/5.5	90	150	80mm法兰(Flange)	400	
DBY-100	20	5	30	3	1450/5.5	90	150	100mm法兰(Flange)	400	

隔膜泵配件/ Diaphragm pump accessories

隔膜片/diaphragm



丁腈橡胶 /nitrile rubber



山道/santoprene

特氟龙/Teflon



山道/santoprene



山道/santoprene



山道/santoprene

阀球、阀座/Valve ball, valve seat



丁腈橡胶 /nitrile rubber



山道/santoprene



四氟/PTFE

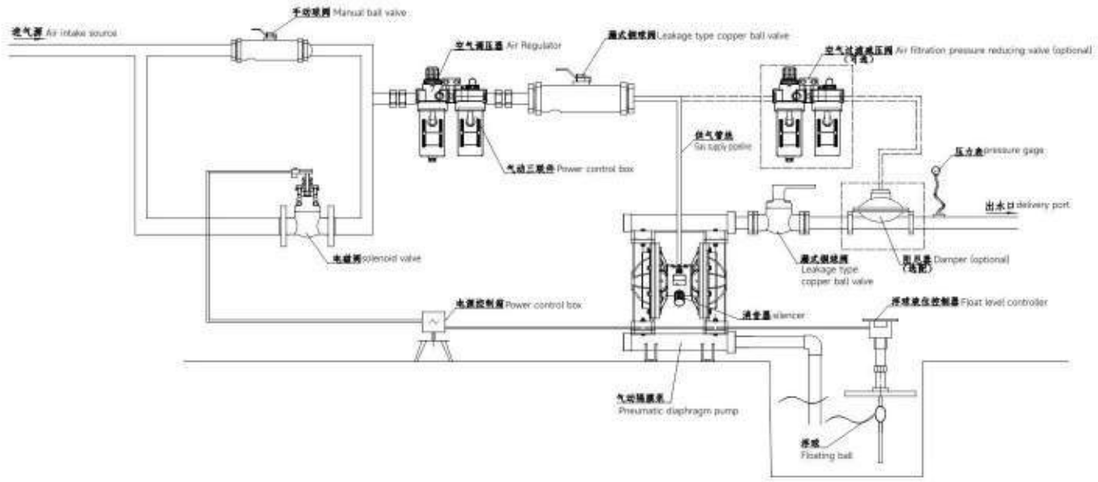


不锈钢/Stainless steel

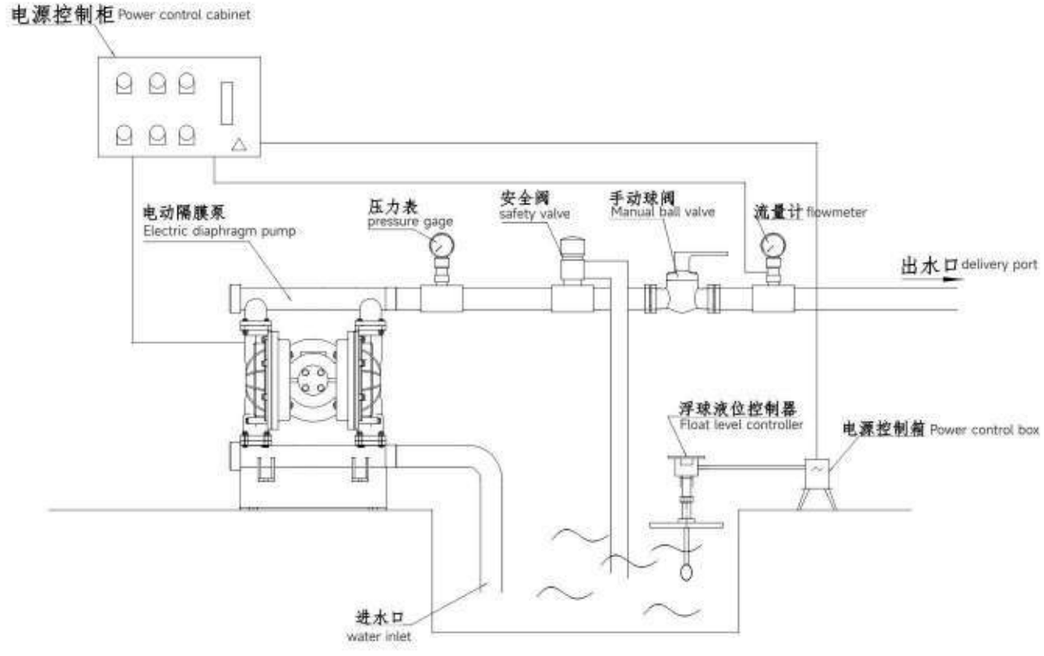


陶瓷/ceramics

气动隔膜泵系统图/ Pneumatic diaphragm pump system diagram



电动隔膜泵系统图/ Electric diaphragm pump system diagram



隔膜泵配件/ Diaphragm pump accessories

1、气源过滤，压力调节装置: 气动二连件、气动三联件
Air source filtration, pressure regulating device: pneumatic two connected parts, pneumatic three connected parts





2、进气管道
Air intake duct



主要型号/main models:
8mm/ 1 0mm/ 1 2mm/ 1 4mm

3、脉冲阻尼器
Pulse damper





4、管道球阀
Pipeline ball valve





5、快速接头
Quick coupling



6、倒流逆止阀
Backflow check valve





7、回流背压阀
Backflow back pressure valve





过流部件抗腐蚀性参数表/ Corrosion resistance parameter table of overcurrent components

化学品	Chemical	化学公式	氯丁橡胶	三元乙丙橡胶	氟橡胶	聚四氟乙烯	铝合金	铸铁	不锈钢	聚丙烯	聚偏氟乙稀
碳酸氢铵	Ammonium Bicarbonate	NH4HCO3	A	A	A	A	B	B90%			
氟化氢铵 _10%	Ammonium Bifluoride _ 10%	NH4HF2	X			A	C	X	B	A	A
碳酸铵	Ammonium Carbonate	(NH4)2CO3	B	A	A	A	B	B	B70% 212°F	A	A
Casenite铵	Ammonium Casenite		A						A		
氯化铵 (氯化氨，卤砂)	Ammonium Chloride (Sal Ammoniac)	NH4Cl	A	A	A	A	X	X	B	A	A
铵硫酸铜	Ammonium Cupric Sulfate	(NH4)2Cu(SO4)2			A	A					
重铬酸铵	Ammonium Dichromate	(NH4)2Cr2O7	A	A		A	A	A30%			
氟化铵	Ammonium Fluoride	NH4F	B		A20%	A	B10%	B20%	B	B	A
氢氧化铵 (氢氧化铵)	Ammonium Hydroxide (Aqua Ammonia)	NH4OH	B	A	B	A	A30%	B30%	A50%	A	A
偏磷酸铵	Ammonium Metaphosphate		A	A	A	A	B90%	B	B	A	A
硝酸铵	Ammonium Nitrate	NH4NO3	B	A	A	A	B	B	A	A	A
亚硝酸铵	Ammonium Nitrite	NH4NO2	A			A				A70°F	A
草酸铵	Ammonium Oxalate	(NH4OOC)2	A						A		
过硫酸铵	Ammonium Persulfate	(NH4)2S2O8	A	B	A	A	C	X	A	A	A
磷酸氢二铵, 二元	Ammonium Phosphate, Di-Basic	(NH4)2HPO4	A		A	A	B		A	A	A
磷酸氢二铵, 一元	Ammonium Phosphate, Monobasic	(NH4)H2PO4	A	A	A	A	X	X	B	A	A
磷酸氢二铵, 三元	Ammonium Phosphate, Tri-Basic	(NH4)3PO4&3H2O	A		A	A	X		B	A	A
硫酸铵	Ammonium Sulfate	(NH4)2SO4	A	A	A	A	X	B	A50%212°F	A	A
硫化铵	Ammonium Sulfide	(NH4)2S	A		A	A	B		B		
亚硫酸铵	Ammonium Sulfite	(NH4)2SO3H2O			A	A	C	X	B	A	
硫氰酸铵	Ammonium Thiocyanate	NH4SCN	A	A	A	A	C	C	A50%		
硫代硫酸铵	Ammonium Thiosulfate	(NH4)2S2O3	A	A	A	A	A40%	X	A10%		
戊基 (1-戊醇)	Amyl (1-Pentanol)	C4H9CH2OH	B		B	A	B		A	B	A
乙酸戊酯 (香蕉油)	Amyl Acetate (Banana Oil)	CH3CO2C5H11	X	A	X	A	A	B	A	X	A 120°F
戊基醇	Amyl Alcohol (Pentyl Alcohol)	CH3(CH2)4OH	A	A	A	A	A	A	A	A	A
硼酸戊酯	Amyl Borate	C5H11BO3	B		A	A					
戊基氯 (氯戊烷)	Amyl Chloride (Chloropentane)	CH3(CH2)4Cl	X	X	A	A	X	A	A	X	A
戊基氯奈	Amyl Chloronaphthalene		X		A	A				A	
戊基萘	Amyl Naphthalene	C15H18	X	X	A	A					
戊基酚	Amyl Phenol	C6H4(OH)C5H11			A	A	A	A	A		
苯胺 (苯胺油)(氨基苯)	Aniline (Aniline Oil) (Amino Benzene)	C6H5NH2	X	C	B	A	B	A	A	A	A
苯胺染料	Aniline Dyes		C	C	B	A	B	C	B		
苯胺-甲胺盐酸盐	Aniline Hydrochloride	C6H5NH2HCl	X		B	A	X	X	X	X	A
动物脂肪 &油类	Animal Fats & Oils		C	B	A	A	A	X	A		A
动物凝胶	Animal Gelatin		A	A	A	A			A		
茴香醚 (苯乙醚)	Anisole (Methylphenyl Ether)	C6H5OCH3	X		X	A	B	B	B		
Ansul 乙醚	Ansul Ether		X		X	A					
蒽醌	Anthraquinone	C14H8O2				A	B	B	B		
防冻液 (醇基)	Anti-Freeze (Alcohol Base)		A	A	A	A	A	A	A		
防冻液 (乙二醇基, 普勒斯顿等)	Anti-Freeze (Glycol Base, Prestone etc)		B	A	A	A	A	A	A		
五氯化锑	Antimony Pentachloride	SbCl5				A	A	A	A		
三氯化锑	Antimony Trichloride	SbCl3		A	A	A	B	A	A	A	A
王水 (硝酸 & 盐酸)	Aqua Regia (Nitric & Hydrochloric Acid)		X	X	B	A	X	X	X	C	A
甲醇中多氯联苯	Aroclor	电路板混合剂	X	X	A	A	A	B	A	X	
芳香烃类	Aromatic Hydrocarbons	C6H5R	X		A	A	A	A	A		
芳香族的溶剂 (苯等)	Aromatic Solvents (Benzene etc.)		X	X	B	A		B	A		

过流部件抗腐蚀性参数表/ Corrosion resistance parameter table of overcurrent components

化学品	Chemical	化学公式	氯丁橡胶	三元乙丙橡胶	氟橡胶	聚四氟乙烯	铝合金	铸铁	不锈钢	聚丙烯	聚偏氟乙稀
1-氯奈	1-Chloronaphthalene	C10H7Cl	X	X	C	A	X	B	B	X	
1-硝基丙烷	1-Nitropropane	CH3(CH2)2NO2	C	A	X	A	A	A	A		
乙醛 (乙醛)	Acetaldehyde (Ethanal)	CH3CHO	X	A	X	A	A	B	A	C	A150°F
乙酰胺 (乙酸酰胺)	Acetamide (Acetic Acid Amide)	CH3CONH2	B	A	B	A	A	X	X	A	A140°F
乙酯酸溶剂	Acetate Solvents	CH3COOR	X		X	A	A		A	X	A
乙酸 _20%	Acetic Acid _ 20%		B	A	C	A		A	A	B	X
乙酸 _30%	Acetic Acid _ 30%		B	A	X	A	X	A	A		
乙酸 _50%	Acetic Acid _ 50%	CH3COOH	C	A	C	A	X	A	A		
乙酸 _ 冰状的	Acetic Acid _ Glacial	CH3COOH	X	B	X	A	B	X	A	C	A120°F
乙酸酐，无水醋酸 (醋的氧化物)	Acetic Anhydride (Acetic Oxide)	(CH3CO)2O	B	B	X	A	B	B90%212°F	A	X	B70°F
丙酮 (二甲基)	Acetone (Dimethylketone)	CH3COCH3	X	A	X	A	B	A	A	X	X
丙酮合氰化氢，2-甲基-2-羟基丙腈	Acetone Cyanohydrin	(CH3)2C(OH)CN	B	X	X	A	B	B	B		
乙腈，氰化甲烷 (甲基氰化物)	Acetonitrile (Methyl Cyanide)	CH3CN	A	A	X	A	A	A	A		A
乙酰苯,苯乙酮,苯基甲基甲酮 (苯基甲基酮)	Acetophenone (Phenyl Methyl Ketone)	C6H5COCH3	X	A	X	A	B	A	A	A70°F	A
乙酰基丙酮 (2,4-戊烷)	Acetyl Acetone (2,4-Pentanedione)	CH3COCH2COCH3	X	A	X	A	X	B	B		
山酰氯	Acetyl Chloride	CH3COCl	X	C	B	A	X	A	B	X	A
乙酰基稞酸 (乙酰稞酸)	Acetyl Salicylic Acid (Aspirin)	(CH3OCO) C6H4COOH	X	B		A	X	B	B		
乙炔	Acetylene (Ethyne)	HC=CH	C	A	A	A	A	A	A	X	A
四溴化乙炔 (乙基溴)	Acetylene Tetrabromide (Tetra Bromoethane)	(CHBr2)2	X		A	A	X	A			
丙烯醛	Acrolein (Acrylaldehyde)	H2C=CHCHO			A	A	B	B	B		
丙烯腈 (乙烯基氰)	Acrylonitrile (Vinyl Cyanide)	CH2=CHCN	X	X	X	A	A	A	A	B	A
己二酸 (1,4-已二酸)	Adipic Acid (1,4-Butanedicarboxylic Acid)	HOOC(CH2)4 (COOH)	X		A	A	B	B	B	A	A
醇,酒精	Alcohols	R-OH								A	A
氮烯(氯乙苯 或 聚异丙苯)	Alkazene (Chlorethyl or Polyisopropyl benzenes)		X	X	A	A					
烯丙醇	Allyl Alcohol (2-Propen-1-ol)	CH2CHCH2OH	A	A	B	A	A	A	A		A
烯丙基溴 (3-溴丙烯)	Allyl Bromide (3-Bromopropene)	H2C=CHCH2Br	X	X	B	A	X	A			
烯丙基氯 (3-氯丙烯的)	Allyl Chloride (3-Chloropropene)	CH2=CHCH2Cl	X	X	B	A	X	C	B	A70°F	A
杏仁油 (人工的)	Almond Oil (Artificial)		X	B	X	A					
矾 (十二水合硫酸铝钾(硫酸铝钾)	Alum (Aluminum Potassium Sulfate Dodecahydrate)	KAl(SO4)2 &1&2H2O	A	A	X	A			B	A	A
醋酸铝 (Burow溶液)	Aluminum Acetate (Burow's Solution)		C	A	X	A		B	C	A	
铝硫酸铵 (矾)	Aluminum Ammonium Sulfate (Alum)	AlNH4(SO4)2	B		A	A				A	A
铝溴化物	Aluminum Bromide	AlBr3	A			A					A
氯化铝	Aluminum Chloride	AlCl3	A	A	A	A	X	C	B	A	A
铝氟化物	Aluminum Fluoride	AlF3	A	B	A	A	A50%	C	C	A	A
三乙酸铝 (三水合氧化铝)	Aluminum Hydroxide (Alumina Trihydrate)	Al(OH)3	A	A	C	A	B10%	B30%	B	A	A
硝酸铝	Aluminum Nitrate	Al(NO3)3 &9H2O	A	A	A	A	X		A10%	A	A
磷酸铝	Aluminum Phosphate	AlPO4	A	A	A	A					
铝硫酸钾 (碳酸钾矾)	Aluminum Potassium Sulfate (Potash Alum)	KAl(SO4)2	A	A	A	A	A10%	X	A	A	A
硫酸铝钠 (碳酸钠矾)	Aluminum Sodium Sulfate (Soda Alum)	NaAl(SO4)2	A	A	A	A					
硫酸铝 (饼矾)	Aluminum Sulfate (Cake Alum)	Al2(SO4)3	A	A	A	A	B30%	X	A50%167°F	A	A
胺	Amines	R-NH2	B		X		A		A	B	
氨无水的, 液体	Ammonia Anhydrous, Liquid	NH3	B	A	X	A	A	A	A	A	A
氨气体 _ 冷	Ammonia Gas _ Cold		A		A	A					
氨气体 _ 热	Ammonia Gas _ Hot		B		X	A					
粗氨水	Ammonia Liquors		A		X	A	A	A	A		
乙酸铵	Ammonium Acetate	CH3CO2NH4	A		A	A	B50%	A50%			