

压电泵 / Piezoelectric Pump

BIMOR PUMP

定制模型 / Made to order model

这些模型是按订单生产的模型。请委托附近的代理商报价。

These models are made-to-order models. Please send a request for quotation to your nearest distributor.

规格/Specifications

*外观图请浏览71页。/ Please see page 71 for external dimensions.

电压/Voltage(AC) — 120 V *1					电压/Voltage(AC) — 240 V *1					接液材料 / Liquid Surface Materials			本体重量 / Weight (g)
型号 / Model	消耗电流 / Current (mA)	自吸力*2 / Self-priming Pressure (kPa)	流量*2 / FlowRate (mL/min)	吐出压力 / Discharge Pressure (kPa)	型号 / Model	消耗电流 / Current (mA)	自吸力*2 / Self-priming Pressure (kPa)	流量*2 / FlowRate (mL/min)	吐出压力 / Discharge Pressure (kPa)	壳体 / Housing	接液板 / Liquid Contact Sheet	止回阀/O形环 / Valve / O-ring	本体重量 / Weight (g)
—	—	—	—	—	BPS-215i	1.8	3	30	15	PP	PP	IIR	40
—	—	—	—	—	BPS-235G	1.8	1.5	30	15	POM	PTFE	FKM	40
BPH-214i	15	8	350	18	BPH-214i	7.5	8	350	18	PP	PP	IIR	130
—	—	—	—	—	BPH-214D	7.5	8	350	18	PP	PP	VMQ	130
—	—	—	—	—	BPH-414i	15	12	500	35	PP	PP	IIR	140
BPH-414D	30	12	500	35	BPH-414D	15	12	500	35	PP	PP	VMQ	140
—	—	—	—	—	BPH-414E	15	12	500	35	PP	PP	EPDM	140
BPH-414G	30	10	450	32	BPH-414G	15	10	450	32	PP	PTFE	FKM	140
BPH-474G	30	10	400	35	—	—	—	—	—	PPS	PTFE	FKM	170
BPH-474P	30	10	400	35	—	—	—	—	—	PPS	PTFE	FFKM/FEP	170
—	—	—	—	—	BPHS-414i	15	12	700	35	PP	PP	IIR	160
—	—	—	—	—	BPHS-414E	15	12	700	35	PP	PP	EPDM	160
—	—	—	—	—	BPHS-414G	15	12	700	35	PP	PTFE	FKM	160
—	—	—	—	—	BPHS-474G	15	10	500	35	PPS	PTFE	FKM	180
—	—	—	—	—	BPHS-474P	15	10	500	35	PPS	PTFE	FFKM/FEP	180
BPF-465P	30	10	400	35	BPF-465P	15	10	400	35	PFA	PTFE	FFKM/FEP	350

*1) 记载为电源频率60 Hz时, 使用25°C水的性能, 50 Hz时流量减少20%。
/ The above performance is obtained by using 25°C water at AC frequency 60 Hz. When the pump is used at AC frequency 50 Hz, the flow rate will decrease by approximately 20%.

*2) 液体在低温的情况下, 逆止阀会硬化, 流量和自吸力会下降。
特别是氟橡胶, 在5°C时流量会减半, 所以请选择比较充裕的规格。
粘度高的液体流量会降低, 请根据实际情况来确认。
/ When the liquid temperature is low, the check valve will harden. As a result, the flow rate and the self-priming pressure will decrease. For fluorine rubber in particular, the flow rate will decrease by half at 5°C, so select a pump with sufficient allowance. Since highly viscous liquids decrease the flow rate, please check the flow rate with an actual pump before use.

材料说明 / Material Description

EPDM	乙丙橡胶 / Ethylene Propylene Rubber	PP	聚丙烯 / Polypropylene
FEP	氟乙烯丙烯 / Fluoroethylene Propylene	PPS	聚苯乙烯磺酸 / Polyphenylene Sulfide
FFKM	全氟 / Perfluoroelastomer	PTFE	四氟树脂 (聚四氟乙烯) / Tetrafluoroelastomer (Polytetrafluoroethylene)
FKM	氟橡胶 / Fluorine Rubber	VMQ	二甲基硅橡胶 / Dimethyl Silicone Rubber
IIR	丁基橡胶 / Butyl Rubber		
PFA	氟树脂 (全氟烷氧基) / Fluororesin (Perfluoroalkoxy)		
POM	聚缩醛 / Polyacetal		

合适的/不合适的化学液体 / Suitable / Unsuitable Chemical Liquids

型号 / Model	适用介质 / Examples of suitable chemical liquids	不适用介质 / Examples of unsuitable chemical liquids
BPS-215i BPH-214i BPH-414i BPHS-414i	乙醇、稀盐酸、碳酸钠、苯甲醛、甲醛水 Ethanol, Dilute hydrochloric acid, Sodium carbonate, Benzaldehyde, Formalin	二甲苯、矿物油、四氯化碳、三氯乙烯、甲苯、苯 Xylene, Mineral oil, Carbon tetrachloride, Trichloroethylene, Toluene, Benzene
BPH-414E BPHS-414E	氨水、乙醇、稀盐酸、苛性钾、苛性苏打、甲醇 Ammonia water, Ethanol, Dilute hydrochloric acid, Caustic potash, Caustic soda, Methanol	二甲苯、矿物油、四氯化碳、三氯乙烯、甲苯、苯 Xylene, Mineral oil, Carbon tetrachloride, Trichloroethylene, Toluene, Benzene
BPS-235G	乙醇、二甲苯、硅油、煤油、甲苯、苯 Ethanol, Xylene, Silicone oil, Kerosene, Toluene, Benzene	氨水、盐酸、过氧化氢、次氯酸钠、硝酸、硫酸 Ammonia water, Hydrochloric acid, Hydrogen peroxide, Sodium hypochlorite, Nitric acid, Sulfuric acid
BPH-214D BPH-414D	氨水、乙醇、次氯酸钠、甲醇 Ammonia water, Ethanol, Sodium hypochlorite, Methanol	苛性苏打、四氯化碳、硅油、三氯乙烯、甲苯、苯 Caustic soda, Carbon tetrachloride, Silicone oil, Trichloroethylene, Toluene, Benzene
BPH-414G BPHS-414G	乙醇、过氧化氢、矿物油、次氯酸钠 Ethanol, Dilute hydrogen peroxide, Mineral oil, Sodium hypochlorite	丙酮、氨水、冰醋酸、氟酸、甲醚水 Acetone, Ammonia water, Glacial acetic acid, Hydrofluoric acid, Formalin
BPH-474G BPHS-474G	乙醇、二甲苯、四氯化碳、硅油、三氯乙烯 Ethanol, Xylene, Carbon tetrachloride, Silicone oil, Trichloroethylene	丙酮、氨水、氯磺酸、冰醋酸、氟酸、甲醚水 Acetone, Ammonia water, Chlorosulfonic acid, Glacial acetic acid, Hydrofluoric acid, Formalin
BPH-474P BPHS-474P	乙醇、三氯甲烷、冰醋酸、苯、甲基乙基酮 Ethanol, Chloroform, Glacial acetic acid, Benzene, Methyl ethyl ketone	氯磺酸、氟油、氟碳制冷剂 R-112、氟碳制冷剂 R-113 Chlorosulfonic acid, Fluorine oil, CFC 112, CFC 113
BPF-465P	乙醇、王水、臭氧、四氯化碳、浓硝酸、浓硫酸、发烟硫酸 Ethanol, Aqua regia, Ozone, Carbon tetrachloride, Concentrated nitric acid, Concentrated sulfuric acid, Fuming sulfuric acid	氟油、氟碳制冷剂 R-112、氟碳制冷剂 R-113 Fluorine oil, CFC 112, CFC 113

*本图仅供参考。请在使用条件下确认后再使用。 / This chart is for reference only. Please confirm the suitability under the operating conditions before use.