

BIMOR PUMP

85



BPS Type

BPH Type

BPHS-414 Type

BPHS-474 Type

Specifications

Voltage(AC) — 120 V 60Hz					Voltage(AC) — 230 V 50Hz					Liquid Surface Materials			Weight (g)
Model	Current (mA)	Self-priming Pressure(kPa)	FlowRate (mL/min)	Discharge Pressure (kPa)	Model	Current (mA)	Self-priming Pressure(kPa)	FlowRate (mL/min)	Discharge Pressure (kPa)	Housing	Liquid Contact Sheet	Valve/O-ring	
BPS-215i	3	3	30	15	—	—	—	—	—	PP	PP	IIR	40
BPH-214E	15	8	350	18	BPH-214E	15	7	220	18	PP	PP	EPDM	140
BPH-214G	—	7	—	17	BPH-214G	—	—	—	—		PTFE	FKM	
BPH-414E	30	12	500	35	—	—	—	—	—		PP	EPDM	
—	—	—	—	—	BPH-274G	15	7	250	35	PPS	PTFE	FKM	170
—	—	—	—	—	BPH-274P	—	—	—	—			FFKM FEP	

Voltage(AC) — 100 V 60Hz					Liquid Surface Materials				Weight (g)
Model	Current (mA)	Self-priming Pressure(kPa)	FlowRate (mL/min)	Discharge Pressure (kPa)	Housing	Liquid Contact Sheet	Valve	O-ring	
BPHS-414i	30	12	700	35	PP	PP	IIR	EPDM	150
BPHS-414E									
BPHS-414G									
BPHS-474G		10	500	35	PPS	PTFE	FKM	FFKM FEP	180
BPHS-474P	—								

Material Description

EPDM
Ethylene Propylene Rubber

FEP
Fluoroethylene Propylene

FFKM
Fluorine Rubber (Perfluoro)

FKM
Fluorine Rubber

IIR
Butyl Rubber

PP
Polypropylene

PTFE
Tetrafluoroethylen
(Polytetrafluoroethylene)

Condition of Use

Ambient temperature	5~50°C *1
Ambient humidity	35~85% *2
Fluid temperature	5~50°C

*1) No Freezing
*2) No condensation

Suitable/unsuitable chemical liquids

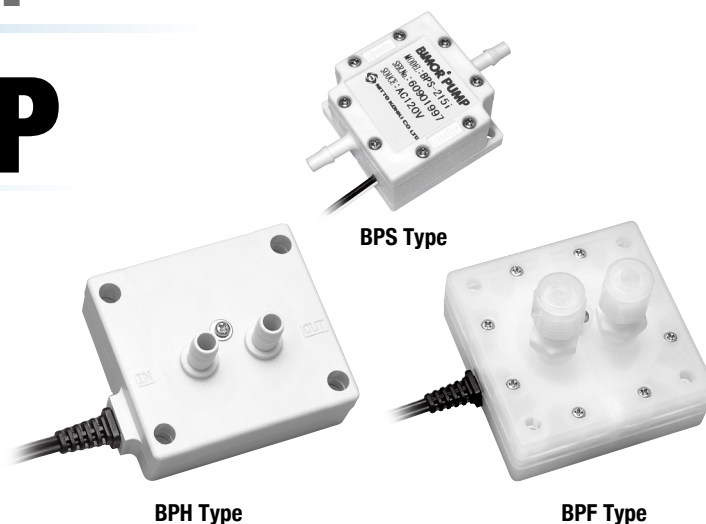
Model	Examples of suitable chemical liquids	Examples of unsuitable chemical liquids
BPS-215i BPHS-414i	Ethanol, Dilute hydrochloric acid, Sodium carbonate, Benzaldehyde, Formalin	Xylene, Mineral oil, Carbon tetrachloride, Trichloroethylene, Toluene, Benzene
BPH-214E BPH-414E BPHS-414E	Ammonia water, Ethanol, Hydrochloric acid, Caustic potash, Caustic soda, Methanol	
BPH-214G BPHS-414G	Ethanol, Dilute hydrogen peroxide, Mineral oil, Sodium hypochlorite	
BPH-274G BPHS-474G	Ethanol, Xylene, Carbon tetrachloride, Silicone oil, Trichloroethylene	Acetone, Ammonia water, Glacial acetic acid, Hydrofluoric acid, Formalin
BPH-274P BPHS-474P	Ethanol, Chloroform, Glacial acetic acid, Benzene, Methyl ethyl ketone	Chlorosulfonic acid, Fluorine oil, CFC 112, CFC 113

Piezoelectric Pump

BIMOR PUMP

Made to order model

These models are made-to-order model.
Please ask your nearest distributor about cost.
The minimum order quantity is 30 units.



Specifications

Voltage(AC) — 120 V 60Hz					Voltage(AC) — 230 V 50Hz					Liquid Surface Materials			Weight (g)
Model	Current (mA)	Self-priming Pressure(kPa)	FlowRate (mL/min)	Discharge Pressure (kPa)	Model	Current (mA)	Self-priming Pressure(kPa)	FlowRate (mL/min)	Discharge Pressure (kPa)	Housing	Liquid Contact Sheet	Valve/O-ring	
—	—	—	—	—	BPS-215i	4	0.4	10	10	PP	PP	IIR	40
BPH-214i	15	8	350	18	BPH-214i	15	7	220	18	PP	PP	IIR	140
—	—	—	—	—	BPH-214D	—	—	—	—	PPS	PTFE	FKM	170
BPH-414D	30	12	500	35	—	—	—	—	—	PFA	—	FFKM FEP	350
BPH-414G	—	—	450	32	—	—	—	—	—	—	—	—	—
BPH-474G	—	10	400	35	—	—	—	—	—	—	—	—	—
BPH-474P	—	—	—	—	—	—	—	—	—	—	—	—	—
BPF-465P	30	10	400	35	—	—	—	—	—	—	—	—	—
—	—	—	—	—	BPF-265P	15	7	250	35	—	—	—	—

Material Description

FFKM ----- Fluorine Rubber (Perfluoro) PFA ----- Fluororesin (Perfluoroalkoxy)
FKM ----- Fluorine Rubber PP ----- Polypropylene
IIR ----- Butyl Rubber PTFE ----- Tetrafluororesin (Polytetrafluoroethylene)
POM ----- Polyacetal VMQ ----- Dimethyl Silicon Rubber

suitable/unsuitable chemical liquids

Model	Examples of suitable chemical liquids	Examples of unsuitable chemical liquids
BPS-215i BPH-214i	Ethanol, Dilute hydrochloric acid, Sodium carbonate, Benzaldehyde, Formalin	Xylene, Mineral oil, Carbon tetrachloride, Trichloroethylene, Toluene, Benzene
BPH-214D BPH-414D	Ammonia water, Ethanol, Dilute hydrogen peroxide, Sodium hypochlorite, Methanol	Caustic soda, Carbon tetrachloride, Silicone oil, Trichloroethylene, Toluene, Benzene
BPH-414G	Ethanol, Hydrogen peroxide, Mineral oil, Sodium hypochlorite	Acetone, Ammonia water, Glacial acetic acid, Hydrofluoric acid, Formalin
BPH-474G	Ethanol, Xylene, Carbon tetrachloride, Silicone oil, Trichloroethylene	Acetone, Ammonia water, Chlorosulfonic acid, Glacial acetic acid, Hydrofluoric acid, Formalin
BPH-474P	Ethanol, Chloroform, Glacial acetic acid, Benzene, Methyl ethyl ketone	Chlorosulfonic acid, Fluorine oil, CFC 112, CFC 113
BPF-465P BPF-265P	Ethanol, Aqua regia, Ozone, Carbon tetrachloride, Concentrated nitric acid, Concentrated sulfuric acid, Fuming sulfuric acid	Fluorine oil, CFC 112, CFC 113