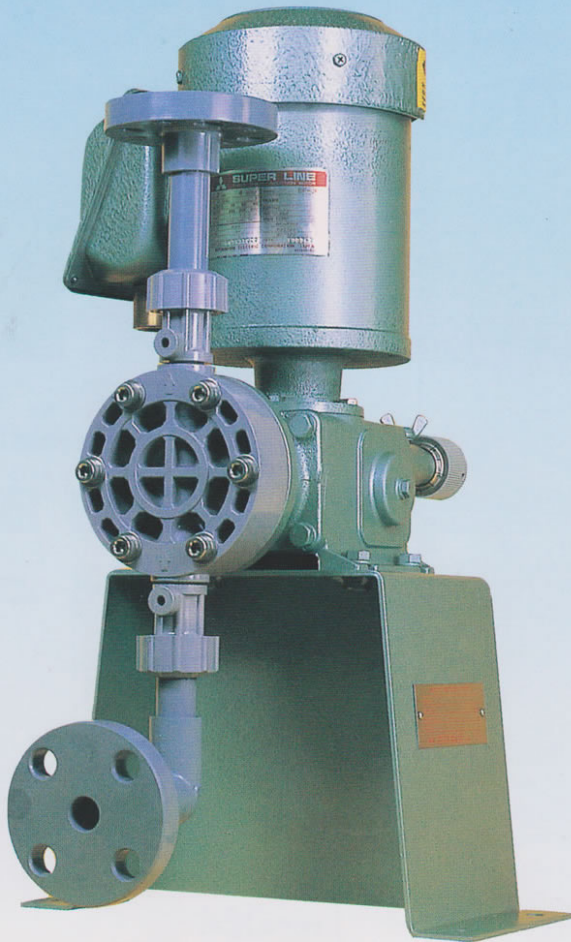
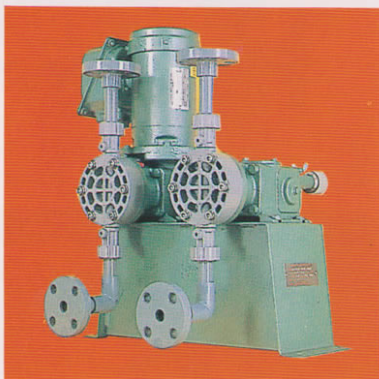


NIKKISO

ADONY[®] METERING PUMP



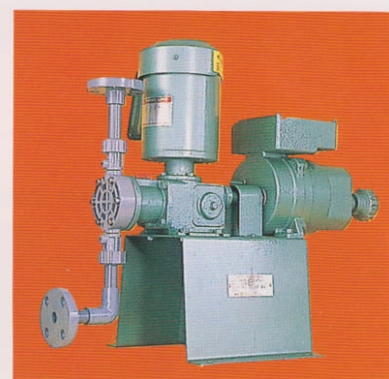
AH Simplex Type



AH Duplex Type



AM Pulseless Type



AH Electro Servo Type

Accurate Adjustable Capacity Handling Most of Chemicals

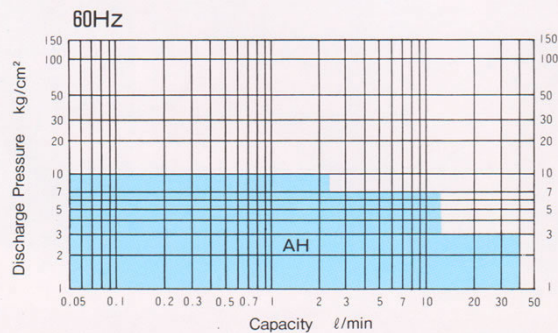
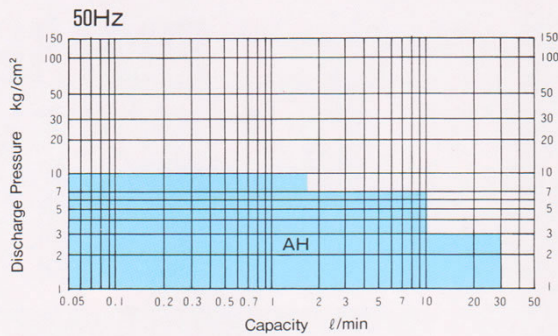
This pump is designed and manufactured to be durable for handling most of chemicals in Chemical plant, Water supply and sewage system, Disposal treatment, Plant drainage system etc.

Capacity-Pressure of ADONY Metering pump

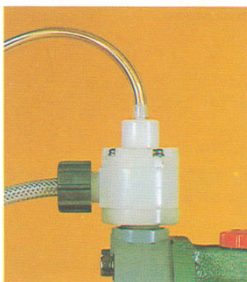
The following Capacity-Pressure chart is for simplex ADONY Metering pump.

In case of multiplex pump, capacity increases according to number of pumps.

As for detail Specifications, Capacity, Pressure, Materials, Model, Code etc., please refer to separated Pump Data Sheet.



Automatic Air Venting Valve (Option)



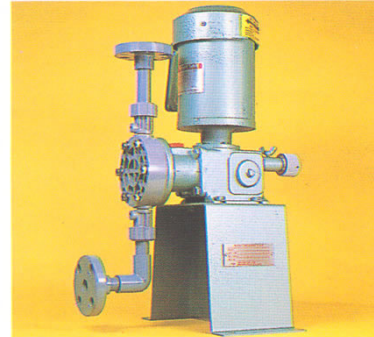
Easy to vent automatically accumulated air or generated gas from gasified liquid such as Sodium hypochlorite.
(for AHA01-12)

European Patent No.0168656
Japanese Patent Pending

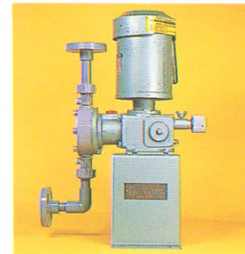
NIKKISO EIKO

ADONY[®] DIAPHRA GM

Model AHA

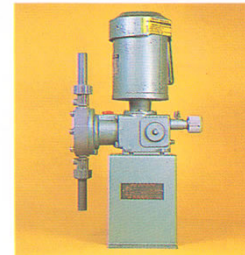


● Flange type



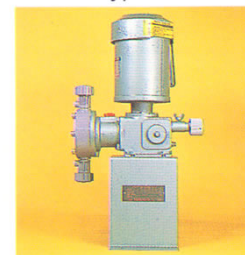
for
AHA, AHB,
AHC

● Union type



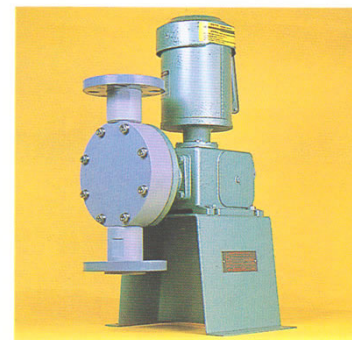
for
AHA01-32

● Hose type



for
AHA01-32

Model AHB

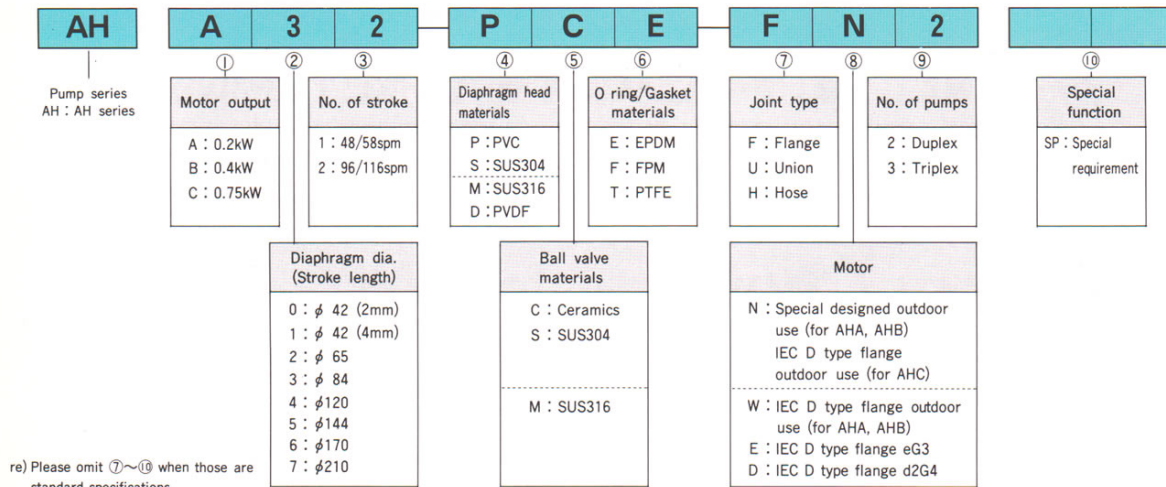


Type METERING PUMP Series AH

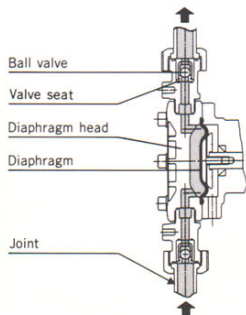
Series AH Capacity-Pressure Selection Table

Model	Diaphragm (mm)	Stroke length (mm)	No. of stroke spm		Dis. capacity /min		Max. dis. pressure (kgf / cm ²)	Motor output (kw)	Joint size			
			50HZ	60HZ	50HZ	60HZ			Flange	Union	Hose	
AHA	01 11 12	φ42	2	48	58	0.035	0.042	10	0.2	JIS 10K 15A	VP16	φ6 × φ11
				48	58	0.07	0.084					
	21 22	φ65	4	96	116	0.14	0.17					
				48	58	0.23	0.28					
	31 32	φ84	8	96	116	0.46	0.56					
				48	58	0.9	1.1					
	41 42	φ120	10	96	116	1.8	2.2					
				48	58	2.3	2.8					
	51 52	φ144	10	96	116	4.6	5.6					
				48	58	3.3	4					
41 42	φ120	12	96	116	6.6	8						
			48	58	2.8	3.3						
51 52	φ144	14	96	116	5.6	6.6						
			48	58	5	6						
61 62	φ170	18	96	116	10	12						
			48	58	5	6						
71 72	φ210	20	96	116	10	12						
			48	58	9	10.8						
AHC	φ170	18	96	116	18	21.6						
			48	58	15.5	18.6						
AHC	φ210	20	96	116	31	37.2						
			48	58	15.5	18.6						

Model Numbering System



Standard Construction Materials



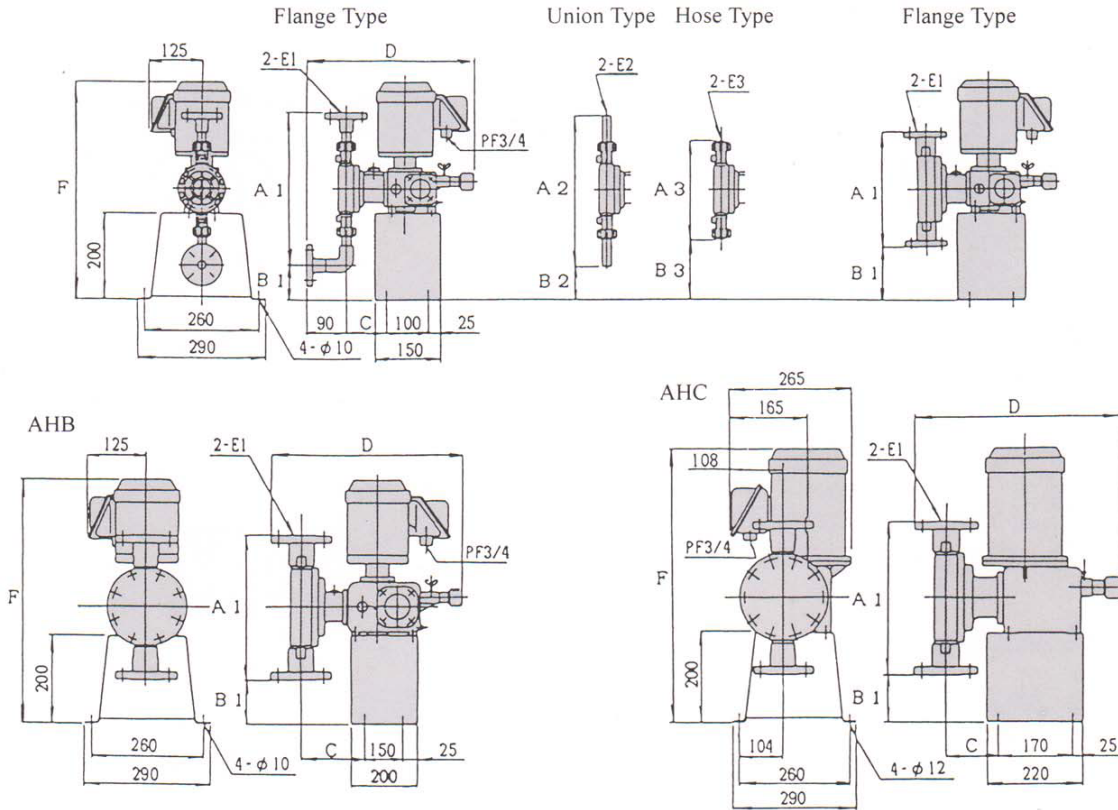
Diaphragm head	Diaphragm	Ball valve	Valve seat	Joint	Chemicals
PVC	PTFE/ EPDM	Ceramics	PVC	PVC	Sodium hypochlorite, Aluminium sulfate, Ferric chloride, PAC, Sulfuric acid, Chloric acid, Phosphoric acid, Urea, Anti foams, Calcium chloride, Aluminium chloride.
PVC		SUS304	SUS304	PVC	Coagulant, Lime milk, Soda lime, Active carbon, Caustic soda.
SUS304		SUS304	SUS304	SUS304	Organic solvent, Methyl alcohol.

○ Name of chemicals are of general guide only.

■ Outline Drawing

AHA01 ~ 32

AHA41,42,51,52



Model	A ₁	A ₂	A ₃	B ₁	B ₂	B ₃	C	D	E ₁	E ₂	E ₃	F	
AHA	01,11,12	360	342	166	67	80	168	84	350	15A JIS 10K Flange	VP16 Union	φ6 ₁₀ × φ9 ₀₀ Hose	
	21,22	372	354	178	61	74	162						
	31,32	390	372	232	52	65	135	90	360	20A JIS 10K Flange		φ9 ₁₀ × φ15 ₀₀ Hose	
	41,42	272			110			100	345				
	51,52	286			108			110	370				25A JIS 10K Flange
AHB	41,42	272			130			110	405	20A JIS 10K Flange		580	
	51,52				99			115	440	40A JIS 10K Flange			
AHC	51,52	332			114			115	475				680
	61,62	356			102			142	515		50A JIS 10K Flange		
	71,72	448			56								

○ A₁ ~ A₃, B₁ ~ B₃, E₁, E₂, E₃ dimensions of Model AHA01 ~ 32 are in case of PVC. Please contact NIKKISO EIKO in case of Stainless steel.

Subject to change without prior notice.

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