

ADONY® Metering Pump - Series AH

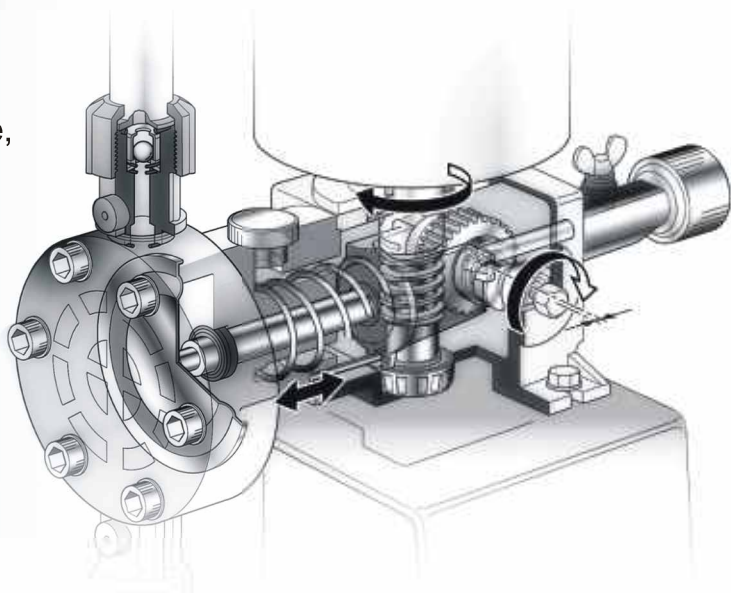
Accurate Adjustable Capacity / Handling Most of Chemicals

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

Maximum discharging capacity reaches to 54L/min !!!

Series AH - CHARACTERISTIC

- ★ High discharge accuracy.
- ★ Various connection types available: Flange, union, hose. (AHA01 to 32: PVC)
- ★ PVC, SUS304, SUS316 diaphragm heads available. ※PVDF material can only be produced in AHA01-42
- ★ Motors: S. F. :1.15 F class, IP55 Outdoor services. (AHA & AHB standard type only)



Series AH - PUMP HEAD



Exclusive motor



General purpose motor



SUS Flange



PVDF Flange



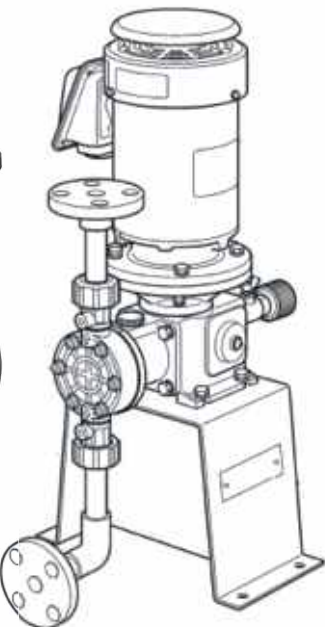
PVC Hose



PVC Union



PVC Flange



Series AH - SPECIFICATION

MODEL		Diaphragm Dia. (Mm)	Stroke Length (mm)	Stroke Speed (spm)		Max. Capacity(L/min)		Max. Dis. Pressure	Motor Output	Connection		
				50Hz	60Hz	50Hz	60Hz			MPa	Kw	Flange
AHA	01	Ø42	2	48	58	0.035	0.042	1.0	0.18 or 0.2	JIS 10K 15A	VP16	Ø6 x Ø11
	11		48	58	0.07	0.084						
	12		96	116	0.14	0.17						
	21	Ø65	48	58	0.23	0.28						
	22		96	116	0.46	0.56						
	31	Ø84	48	58	0.9	1.1	Ø9 x Ø15					
	32		96	116	1.8	2.2						
	41	Ø120	48	58	2.3	2.8	0.5	JIS 10K 20A				
	42		96	116	4.6	5.6						
	51	Ø144	48	58	3.3	4	0.3	JIS 10K 25A				
52	96		116	6.6	8							
AHB	41	Ø120	12	48	58	2.8	3.3	0.7	0.37 or 0.4	JIS 10K 20A		
	42		96	116	5.6	6.6						
	51	Ø144	14	48	58	5.0	6.0	0.5		JIS 10K 40A		
	52		96	116	10.0	12.0						
AHC	51	Ø144	14	48	58	5.0	6.0	0.7	0.75	JIS 10K 40A		
	52		96	116	10.0	12.0						
	61	Ø170	18	48	58	9.0	10.8	0.5				
	62		96	116	18.0	21.6						
	71	Ø210	20	48	58	15.5	18.6	0.3		JIS 10K 50A		
	72		96	116	31.0	37.2						
AHD	81	Ø234	20	48	58	22.5	27.0	0.3	1.5	JIS 10K 65A	VP65	
	82		96	116	45.0	54.0						

Model Numbering System

AH		A		3	2	P		C	E	F		N	2	S		P		
①		②		③	④	⑤		⑥		⑦	⑧		⑨	⑩		⑪		
Pump series		No. of stroke				Pump head		O ring/Gasket		Symbols		Motor type		Symbols		Special function		
		Symbols		spm		Symbols		Material		Symbols		Material		Symbols		Special require		
		1		48/58		P		PVC		E		EPDM**		N		Special outdoor use (for AHA,AHB) IEC D type flange outdoor use for AHC		
		2		96/116		S		SUS304		F		FPM **		W		IEC D type flange outdoor use (for AH & AHB)		
						M		SUS316		T		PTFE		V		Motor for inverter use		
						D		PVDF						E		Exe II T3		
						T		PTFE						D		Exd II BT4		
														G		Exd II BT4 for inverter use		
Model		Diaphragm dia.				Ball valve		Joint type		Symbols		No. of pump						
Symbols		Motor output		Symbols		Diameter(mm)		Symbols		Material		Symbols		Type		Symbols		
A		0.18Kw (0.37Kw)**		0		42(2)		C		Ceramic		F		Flange		2		Duplex
B		0.37Kw		1		42(4)		S		SUS304		U		PVC Union		3		Triplex
C		0.75Kw (1.5Kw)**		2		65		M		SUS316		H		Hose				
D		1.5Kw		3		84												
				4		120												
				5		144												
				6		170												
				7		210												
				8		234												

**When the AHA41&52 inverters are in use(0.37kW)
When the AHC71&72 inverters are in use(1.5kW)

**Applicable when the diaphragm bead for AHA01~32 is PTFE

※When the AHA41&52 inverters are in use(0.37KW)
When the AHC71&72 inverters are in use(1.5kW)
※※Applicable when the diaphragm bead for AHA01~32 is PVC