

Motor-driven chemical dosing pumps

# CM-V SERIES



CM-V series behave accurate discharge performance although it is small type.

TOHKEMY CHEMICAL DOSING PUMP

**It can set the stroke length by a millimeter and adjust the discharge rate more accurately.**



CM-1V~25V



CM-50V~130V

### Instances of dosing chemicals individual use

[Water treatment]	[Boiler]	[Air conditioning]	[Sterilization]
• Sulfuric acid, Hydrochloric acid	• Boiler compound	• Algal agent	• Sodium hypochlorite
• Sodium hydroxide	• Oxygen scavengere	• Anti-corrosion / Anti-rust agent	
• PAC	• pH adjustment chemicals	• Slime inhibitor	
• Polymer flocculants	• Anti-corrosion / Anti-rust agent	• Scale inhibitor	
			Etc.

## Specifications

Model	Discharge rate [mL/min] (at 0.1MPa)		Discharge rate at the maximum discharge pressure [mL/min]		Maximum discharge pressure [MPa]	Stroke length [mm]	Diameter of Diaphragm [mm]	Connection	Motor(※1)	Weight [kg]
	50 [Hz]	60 [Hz]	50 [Hz]	60 [Hz]						
CM-1V	2~10	2.4~12	8	10	1.0	3	39	Hose φ4×φ6(※2) φ4×φ9(※3)  Flange JIS 10K 15A Flange 13A Union	Totally-enclosed self- cooled indoor type 25W  4P  Insulation class B	Hose Approx. 4.0  Flange Approx. 4.3
CM-2V	4~20	4.8~24	16	19	1.0	3	39			
CM-6V	12~60	14.4~72	55	70	1.0	3	39			
CM-8V	16~80	20~100	58	75	1.0	3	49			
CM-25V	50~250	60~300	210	260	1.0	3	49			
CM-50V	100~500	120~600	250	300	0.5	4	90	Hose φ6×φ9(※2) φ6×φ11(※3) φ15×φ22(※4) Flange JIS 10K 15A Flange 13A Union	Totally-enclosed fan- cooled indoor type 60W  4P  Insulation class B	Hose Approx. 7.8  Flange Approx. 8.1
CM-80V	160~800	200~1000	500	650	0.5	4	90			
CM-130V	260~1300	320~1600	1010	1250	0.5	6	90			

※1 With motor cover ※2 Polyethylene hose ※3 Braided soft PVC hose ※4 Compatible with CM-130V

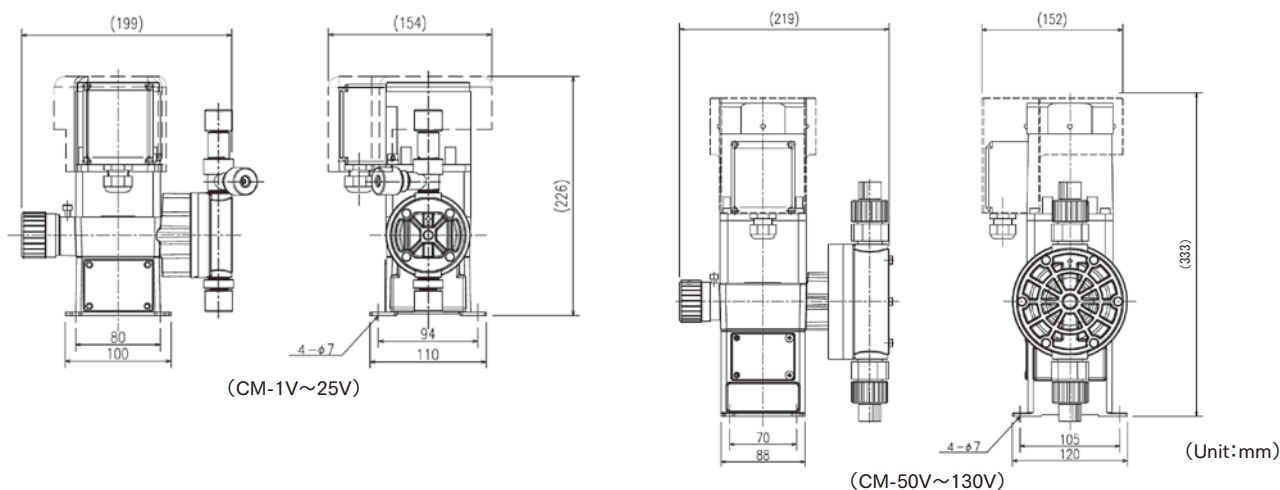
## Main supply

Standard	Three-phase 60Hz(200·220·230V)、50Hz(200·220V)		
Semi-standard	Single-phase 60Hz(100·110·200·220V)、50Hz(100·200V)	Three-phase 60Hz(380·400·415·440V)、50Hz(380·400·415·440V)	

## Wet-end combination

Wet-end type	Pump head	Diaphragm	Connector	Valve seat	Check ball	O-ring	Spring	Chemicals
VVFC	PVC	PTFE	PVC	FKM	Ceramics	Aflas	—	Sodium hypochlorite, PAC, Hydrochloric acid, Dilute sulfuric acid
VVE4	PVC	PTFE; 1V~25V EPDM; 50V~130V	PVC	EPDM	SUS304	Aflas	—	Sodium hydroxide
XV46(1V~25V) VV46(50V~130V)	PVC+SUS seat(XV46) PVC(VV46)		PVC	—	SUS304	PTFE /Aflas	SUS316	Polymer flocculants

## Dimensions



### Headquarters

1-12-11 Tagawakita, Yodogawa-ku, Osaka 532-0021, Japan  
Phone: +81-(0)6-6301-3141, Fax: +81-(0)6-6308-6228

### Overseas Business Department

Overseas Sales Section / Procurement Section  
Phone: +81-(0)6-6301-6460, Fax: +81-(0)6-6308-3022

### Tokyo Office

1-19-2 Taito, Taito-ku, Tokyo 110-0016, Japan  
Phone: +81-(0)3-5817-2021, Fax: +81-(0)3-5817-2033

### Division

Filter Media Business  
Chemical Pump Business  
Equipment Business  
Fluid Device Business  
Research & Development  
Administration

Sales Department (Office): Tokyo, Osaka, Kyusyu (Fukuoka), Nagoya  
Sales Office: Sapporo, Sendai, Kita-Kanto, Kanazawa, Hiroshima, Okayama, Miyazaki