

Dosing pump series - GMZ

- Maximum Flow rate: 200 l/h
- Maximum Pressure: 15 Kg/cm²g
- Mechanically actuated diaphragm
- Variable Eccentric - Slider crank drive mechanism

Technical Characteristics

Standard:

- Flow rate up to 200 l/h
- Pressure up to 15 kg/cm²g
- Long life PTFE Hypalon diaphragm
- Mechanically actuated diaphragm
- Stroke adjustment by slider-crank minimizing pulsation and enhanced mechanical stability
- Simplex version
- Maximum temperature of pumped liquid: 50 °C
- Adjustment of flow rate while running from 0 to 100%
- Accuracy: ± 2% of rated flow from 10% to 100% stroke
- Suction lift: up to 1.5 m water
- Turn down ratio 10:1
- Lubrication by oil bath
- Viscosity handled: up to 100 cps
- Stroke adjustment lock

Characteristics of Motors

Standard Motor Options:

- Power Supply: 415V / 380V/400V - 50 Hz /60 Hz - 3 phases,
- Efficiency IE2.
(Voltage selection based on regional standards. Please specify at the time of order.)
- Degree of protection: IP 55
- Insulation: class F
- Motor Speed: 4 Pole
- Enclosure: TEFC

Convenience & Flexibility**

An extensive range of accessories is available upon request to meet your installation requirements.



Liquid end construction*

Component	Material Option 1	Material Option 2
Liquid end body	PP	CF8M / SS316
Valve body	PVC	SS-316
Ring Seal	PTFE	PTFE
Balls	CERAMIC	CERAMIC
Connections	PVC	SS-316
Diaphragm	TEFLON FACED HYPALON	TEFLON FACED HYPALON
PRV	PVC	SS-316
Suction-Strainer	PP Y-Type	CF8M Y-Type
Anti-syphon valve	PVC	SS-316

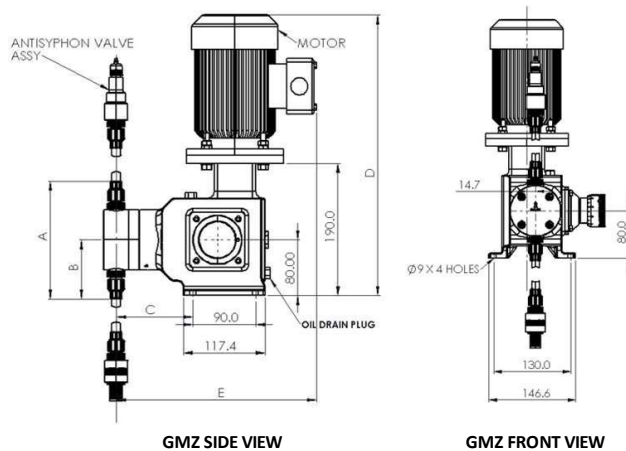
*Special MOC available on request for PVDF, SS316L etc.

**Option for pump with base available on special request.

Performances

PUMP MODEL	RATED FLOW (L/H)	MAX. PRESSURE (KG/CM2)	SPM (Stroke / Minute)	MOTOR POWER (KW)	END CONNECTION (Metallic & Plastic) SUCTION X DISCHARGE
GMZ-09	5	15	48	0.18	1/2" BSP(F) X 1/2" NPT(M)
GMZ-10	10	15	96	0.18	1/2" BSP(F) X 1/2" NPT(M)
GMZ-11	17	12	144	0.18	1/2" BSP(F) X 1/2" NPT(M)
GMZ-12	30	10	144	0.18	1/2" BSP(F) X 1/2" NPT(M)
GMZ-13	50	5	144	0.18	1/2" BSP(F) X 1/2" NPT(M)
GMZ-14	100	3	144	0.18	1/2" BSP(F) X 1/2" NPT(M)
GMZ-15A	140	3	144	0.37	1/2" BSP(F) X 1/2" NPT(M)
GMZ-15	200	3	144	0.37	1/2" BSP(F) X 1/2" NPT(M)

Dimensions and Connections of GMZ



Weight of GMZ Pumps

Liquid End	Pump Weight (kg) Approx.
Metallic	14
Plastic	10

Dimensions (mm)						
MODELS	A ± 5.0	B ± 5.0	C ± 5.0	D ± 5.0(MAX)	E ± 5.0	
GMZ-09	170	85.2	112.2	404	288	
GMZ-10			112.6		290.3	
GMZ-11						
GMZ-12	178.7	88.7	109	430	286.7	
GMZ-13	237.8	118	125.4		303.1	
GMZ-14					310	
GMZ-15						

GMZ 15A &
GMZ15 -same
dimensions

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