

Dosing pump series - GMZ

- Maximum Flow rate: 200 l/h
- Maximum Pressure: 15 kg/cm²g
- Mechanically actuated diaphragm
- 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 variable eccentric minimizing pulsation and shock
- Simplex version
- Maximum temperature of pumped liquid: 50 °C
- Adjustment of flow rate while running from 0 to 100%
- Accuracy: ± 1% 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

Characteristics of motors

Standard Motor Data:

- Power Supply: 415V – 50 Hz – 3 phases, IE2.
- Degree of protection: IP 55
- Insulation: class F
- Motor Speed: 1320rpm & 1440 rpm
- Enclosure: TEFC

Options:

- Flame/Explosion proof motors

Accessories

To meet your installation needs a large range of accessories are available on request (Pulsation dampeners, safety and backpressure valves), consult us.



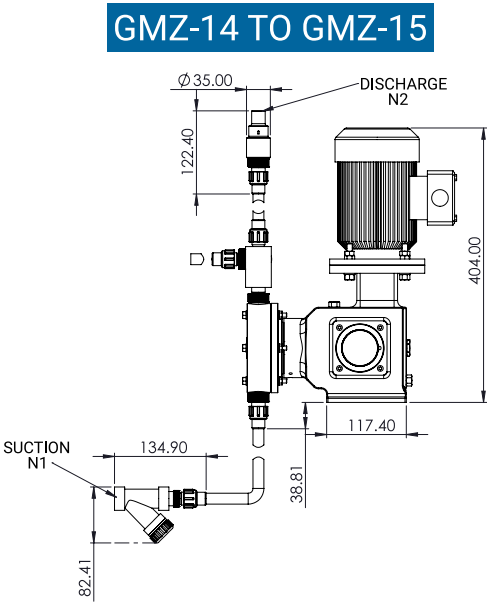
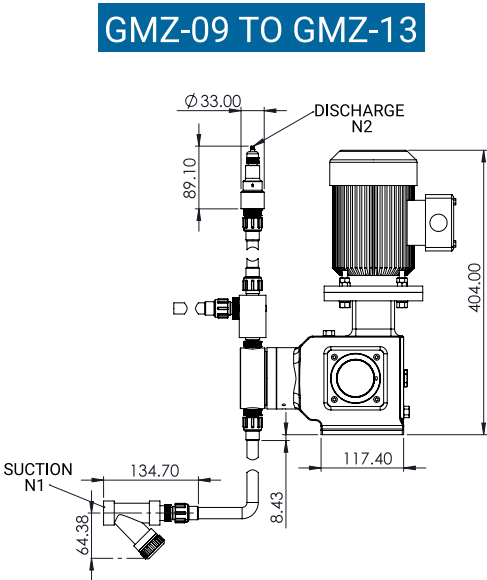
Liquid end construction

Component	Materials			
Liquid end body	PP	PVC	PVDF	CF8M / SS316
Valve body	PVC	PVC	PVC	SS-316
Ring Seal	PTFE	PTFE	PTFE	PTFE
Balls	CERAMIC	CERAMIC	CERAMIC	CERAMIC
Connections	PVC	PVC	PVDF	SS-316
Diaphragm	TEFLON FACED HYPALON	TEFLON FACED HYPALON	TEFLON FACED HYPALON	TEFLON FACED HYPALON
PRV	PVC	PVC	PVDF	SS-316
Suction-Strainer	PP Y-Type	PP Y-Type	PP Y-Type	CF8M Y-Type
Antisiphon valve	PVC	PVC	PVC	SS-316

Performances

Pump mode	Flow max. (l/h)		Pressure max. (KG/CM2)	Stroke length (mm)	Stroke speed (SPM)	Motor speed (rpm)	Motor power (kW)	End Connections (Suction & Discharge)	
	Min (l/h)	Max (l/h)						Metallic	Plastic
GMZ-09	0.5	5	15	11	48 (50)	1320	0.18	½" BSP(F) x ½" NPT(M)	
GMZ-10	1.0	10	15	11	96 (100)	1320	0.18	½" BSP(F) x ½" NPT(M)	
GMZ -11	1.7	17	10	11	144 (150)	1320	0.18	½" BSP(F) x ½" NPT(M)	
GMZ -12	3	30	10	11	144 (150)	1320	0.18	½" BSP(F) x ½" NPT(M)	
GMZ -13	4	50	5	11	144 (150)	1320	0.18	½" BSP(F) x ½" NPT(M)	
GMZ -14	10	100	3	11	144 (150)	1320	0.18	½" BSP(F) x ½" NPT(M)	
GMZ -15	20	200	3	11	196 (200)	1400	0.37	½" BSP(F) x ½" NPT(M)	

Dimensions and Connections



Weight

Liquid End	Weight (kg)
Metallic	14
Plastic	10

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