



FG PUMPS

METERING PUMPS FOR
WATER TREATMENT



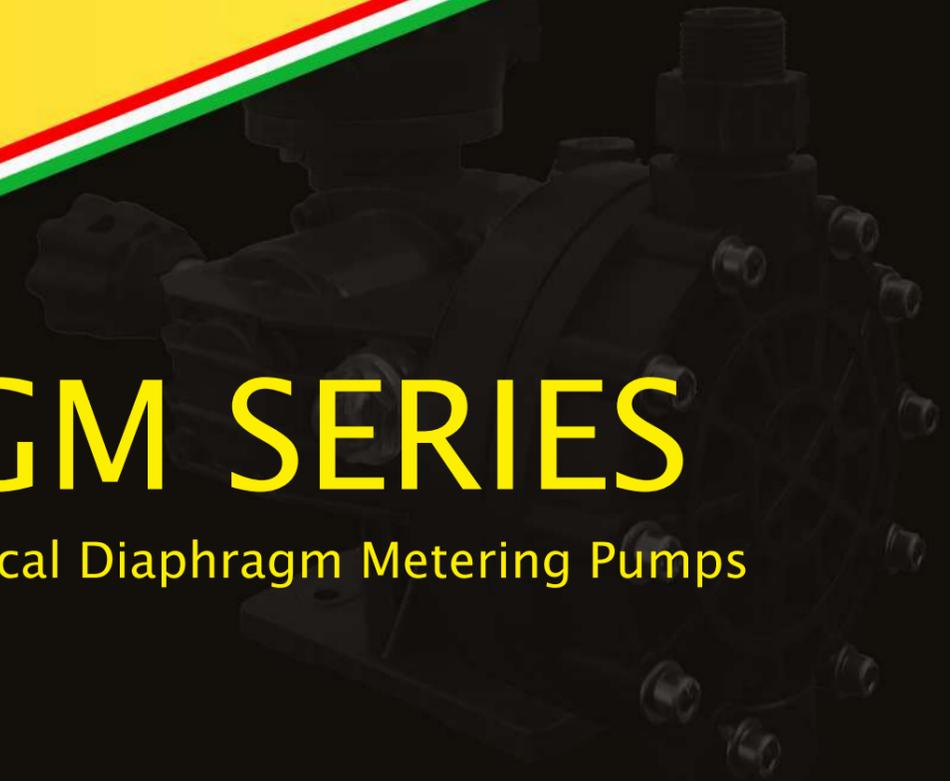
FG PUMPS

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FGM SERIES

Mechanical Diaphragm Metering Pumps





FGM Mechanical Diaphragm Metering Pump



FGM with POLYPROPYLENE pump head

Ideal for:

- Water & waste water treatment (sulfuric acid, aluminium polychloride, sodium hypochlorite)
- Fertirrigation
- Pulp & paper industry
- Acid or neutral chemical products

FGM with S.S.316L pump head

Ideal for:

- Beverage industry
- Water & waste water treatment (peracetic acid, polyelectrolyte, nitric acid)
- Food industry
- Alkali or neutral chemical products



FGM with PVDF pump head

Ideal for:

- Water & waste water treatment (fluorides, chrome, sodium hypochlorite)
- Neutral chemical products
- Acid and strong acid chemical products

CODE	FLOWRATE <i>Gal/h at 30 psi</i>	DIAPHRAGM <i>diam. inches</i>	STROKE LENGTH <i>inches</i>	STROKE SPEED <i>spm</i>	MAX PRESSURE <i>Psi</i>	IEC motor UL/CSA <i>Hp</i>	VALVES <i>diam. inches</i>
FGM14/4.4	5.81	4.3	0.079	41	150	0.5	0.334
FGM30/9.5	11.89	4.3	0.079	85	150	0.5	0.334
FGM40/12.6	19.02	4.3	0.079	127	150	0.5	0.334
FGM35/11.1	13.21	4.3	0.16	41	150	0.5	0.334
FGM75/23.7	27.73	4.3	0.16	85	150	0.5	0.334
FGM105/33.2	39.62	4.3	0.16	127	150	0.5	0.334
FGM50/15.8	20.60	4.3	0.24	41	120	0.5	0.334
FGM110/34.8	40.15	4.3	0.24	85	120	0.5	0.334
FGM170/53.9	63.40	4.3	0.24	127	120	0.5	0.334
FGM140/44.3	53.89	6.7	0.24	41	120	0.5	0.669
FGM300/95.1	104.61	6.7	0.24	85	120	0.5	0.669
FGM430/136.3	157.97	6.7	0.24	127	120	0.5	0.669
FGM200/63.4	68.15	6.7	0.35	41	80	0.5	0.669
FGM450/142.8	160.08	6.7	0.35	85	80	0.5	0.669
FGM700/221.9	242.50	6.7	0.35	127	60	0.5	0.669

FGM Features

FGM pumps serie are built following high quality standards. Here the FGM features:

- Mechanically actuated PTFE diaphragm;
- Easy to use with minimum maintenance. Safe, no external moving parts, leak free operations.
- Flowrate up to 242,5 Gal/h, pressure up to 150 psi. Accuracy +/-2% of rated flow from 10% to 100% of rated flow. The code indicates the maximum capacity in liters at 50 Hz and the maximum flow in gallons at 60 Hz at maximum pressure.
- Standard micrometric manual adjustment 0,039 inches per turn. 0-100% stroke adjustment while running or steady. Optional electric actuator, 4-20 mA or 0-10V command with manual override.
- Yellow painted aluminum case. Standard liquid-end executions materials: PP, PVDF and S.S.316L