

FGM Dimensions



FGM with 110 mm diaphragm diameter:

Length of the pump: 28 cm
Interior of the pump: 20 cm
Height of the pump: 37 cm
Pump head diameter: 14 cm

FGM with 170 mm diaphragm diameter:

Length of the pump: 33 cm
Interior of the pump: 23 cm
Height of the pump: 40 cm
Pump head diameter: 20 cm



FGM with 110/170 mm diaphragm diameter and electric actuator:

Length of the pump: 47/62 cm
Interior of the pump: 20/23 cm
Height of the pump: 37/40 cm
Pump head diameter: 14/20 cm

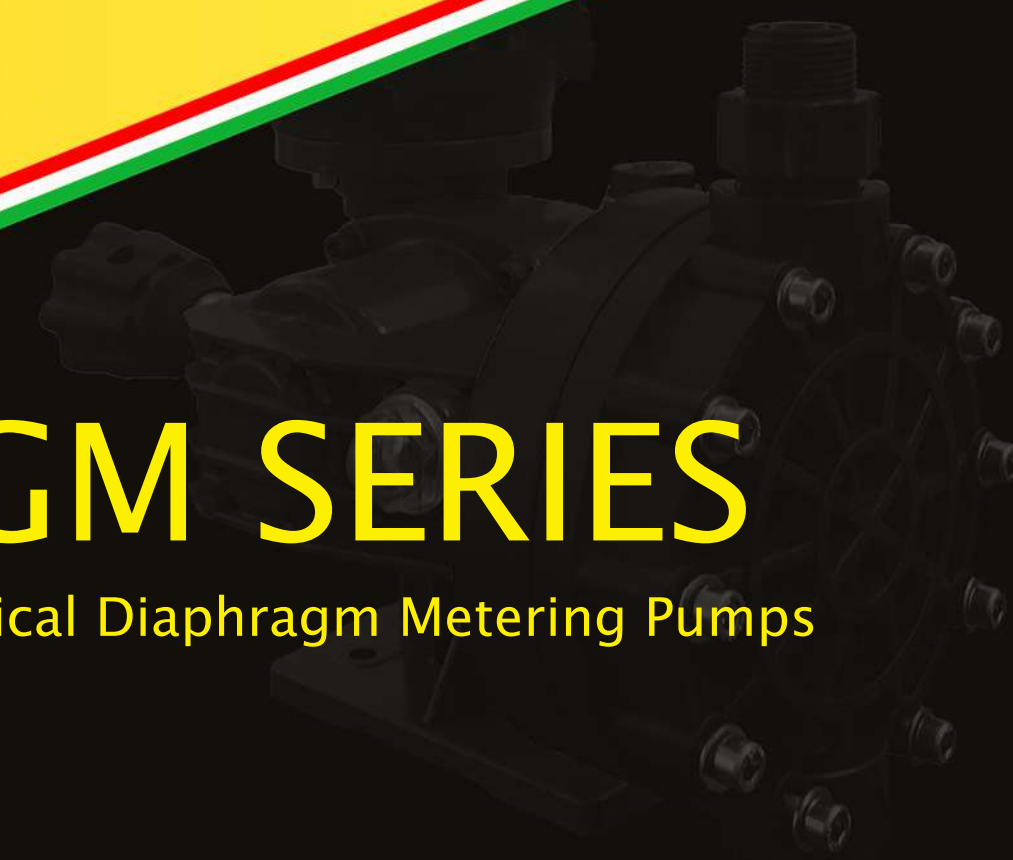


FG PUMPS
METERING PUMPS FOR
CHEMICALS



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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 L/h at 2 bar		DIAPHRAGM diam. mm	STROKE LENGTH mm	STROKE SPEED spm	MAX PRESSURE bar	3ph MOTOR POWER STD kw	CONNECTIONS
	50Hz	60Hz						
FGM14	18	22	110	2	34	8	0.18	3/8" BspF
FGM30	38	45	110	2	71	8	0.18	3/8" BspF
FGM40	60	72	110	2	106	8	0.18	3/8" BspF
FGM65	80	/	110	2	150	8	0.18	3/8" BspF
FGM35	42	50	110	4	34	8	0.18	3/8" BspF
FGM75	90	108	110	4	71	8	0.18	3/8" BspF
FGM105	120	144	110	4	106	8	0.18	3/8" BspF
FGM150	180	/	110	4	150	8	0.18	3/8" BspF
FGM50	65	78	110	6	34	8	0.18	3/8" BspF
FGM110	126	152	110	6	71	8	0.18	3/8" BspF
FGM170	200	240	110	6	106	8	0.18	3/8" BspF
FGM250	275	/	110	6	150	8	0.18	3/8" BspF
FGM140	170	204	170	6	34	5	0.37	1" BspF
FGM300	330	396	170	6	71	5	0.37	1" BspF
FGM430	498	598	170	6	106	5	0.37	1" BspF
FGM670	700	/	170	6	150	5	0.37	1" BspF
FGM200	216	258	170	9	34	5	0.37	1" BspF
FGM450	505	606	170	9	71	5	0.37	1" BspF
FGM700	765	918	170	9	106	4	0.37	1" BspF
FGM1000	1035	/	170	9	150	3	0.37	1" BspF

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 1000 L/h, pressure up to 8 bar. Accuracy +/-2% of rated flow from 10% to 100% of rated flow. The code indicates the maximum flow at the higher pressure.
- Standard micrometric manual adjustment 1 mm 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

FGM Performance Curves

