

PRODUCT DATA SHEET

F100-1S4 - 4" MECHANICAL FLOW METER WITH HEAVY DUTY MECHANICAL DISPLAY

The M Series 4" MECHANICAL FLOW METER are suitable for flows between 120 – 1200 L/min (31.70 - 317.01 GPM), providing highly accurate flow measurement performance. The M Series offers $\pm 1.00\%$ accuracy of true reading in a compact footprint, requiring no flow conditioning and with high pressure and temperature capabilities.

Key features include:

- Cast Aluminium construction
- FKM (Viton) seals
- Maximum flow rate 1200 L/min / 317.01 GPM
- Accuracy of $\pm 1.00\%$ of reading
- Exceptional repeatability of $\pm 0.03\%$
- Temperature up to 120 °C / 248 °F
- 1 point factory calibration as standard, with additional points upon request

SPECIFICATIONS



F100-1S4

	F100-1S4			
Material of construction	Meter Body	Cast Aluminium		
	Rotor	Aluminium (6061)		
	Seals	FKM (Viton)		
Design Specifications				
Process Connections	4" G Thread [w/ litresmech display]			
Technical Specifications		min	max	
	Flow rate < 5cPr	220	1000	L/min
		58.12	264.17	GPM
	> 5cP	120	1200	L/min
		31.70	317.01	GPM
	Non lubricating fluids	-	1200	L/min
		-	317.01	GPM
	Operating Temperature Range**	-40	120	°C
		-40	248	°F
	Accuracy (±%)	1.00%		
	Repeatability (±%)	0.03%		
	Nominal K-Factor	- Pulses/Litre		
		- Pulses/Gallon		

OUTPUT TYPE



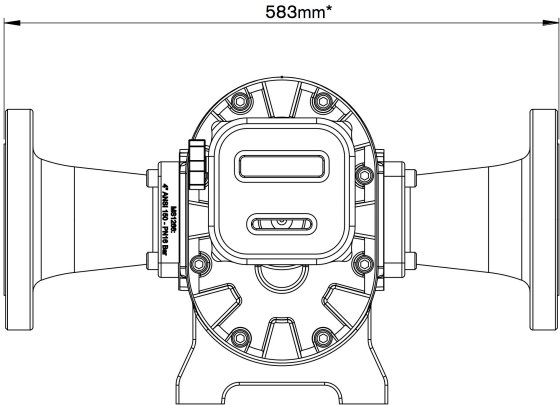
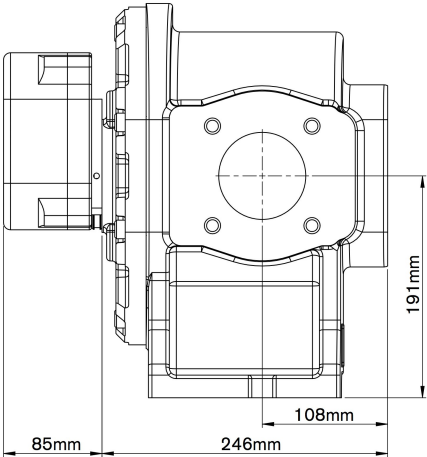
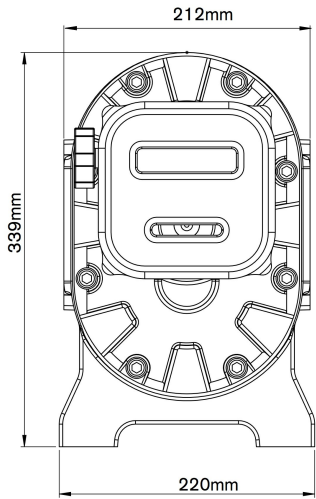
HEAVY DUTY MECHANICAL DISPLAY

Heavy Duty Mechanical	
Construction	Aluminium
IP Rating	IP67
Temp	Min: - Max: - °C Min: - Max: - °F
EX Approvals	- Please refer to instruction manual and certification documentation for product appropriate certification information
Display	
Digit size (upper/lower)	17mm/6mm
Accumulated total	✓
Resettable total	✓
Preset total	✗
Flow rate	✗
Outputs	
4-20 mA (passive)	✗
Pulse/Transistor Output	✗
Flow Alarm	✗
Batch Control output	✗

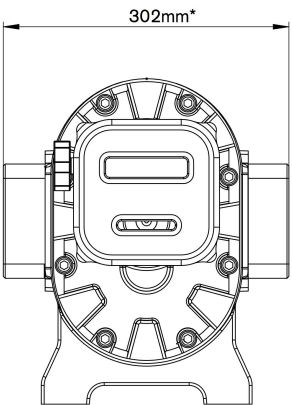
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F100-1S4
S100-1S4



ANSI/DIN/JIS



G/NPT