



# PRODUCT DATA SHEET

## F100-2S4 - 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 ±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 ±1.00% of reading
- Exceptional repeatability of ±0.03%
- Temperature up to 120 °C / 248 °F
- 1 point factory calibration as standard, with additional points upon request

### SPECIFICATIONS



F100-2S4

		F100-2S4		
Material of construction	Meter Body	Cast Aluminium		
	Rotor	Aluminium (6061)		
	Seals	FKM (Viton)		
Design Specifications		4" NPT Thread [w/ USG mech display]		
Process Connections		4" NPT Thread [w/ USG mech display]		
Technical Specifications		min	max	
	Flow rate	220	1000	L/min
	< 5cPr	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

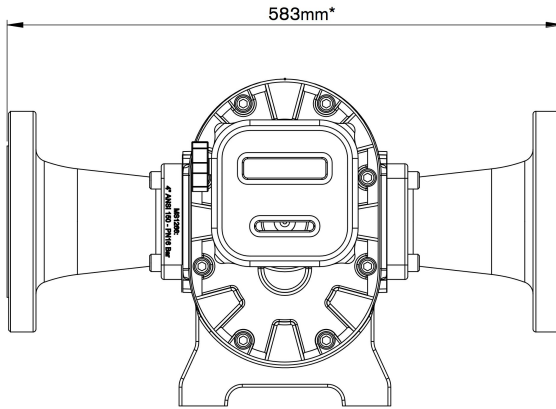
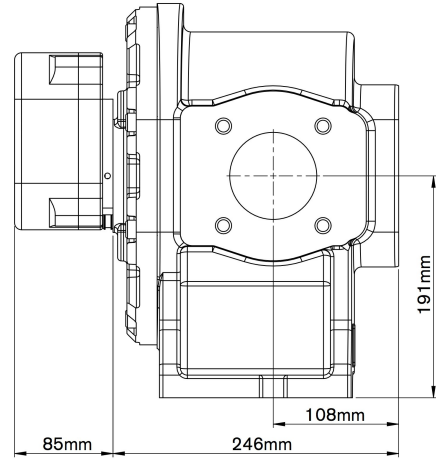
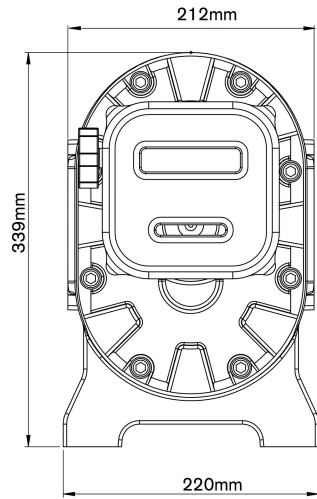
		Heavy Duty Mechanical	
Construction		Aluminium	
IP Rating		IP67	
Temp	Min: - Max: - °C		
	Min: - Max: - °F		
EX Approvals		-	
		Please refer to instruction manual and certification documentation for product appropriate certification information	
Display		17mm/6mm	
Digit size (upper/lower)			
Accumulated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



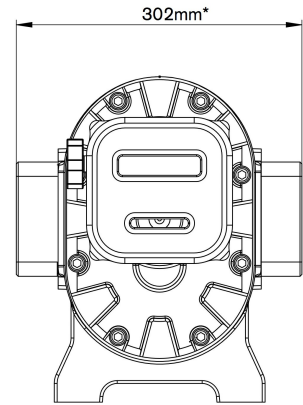
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# PRODUCT DATA SHEET

F100-1S4  
S100-1S4



ANSI/DIN/JIS



G/NPT