PRODUCT DATA SHEET

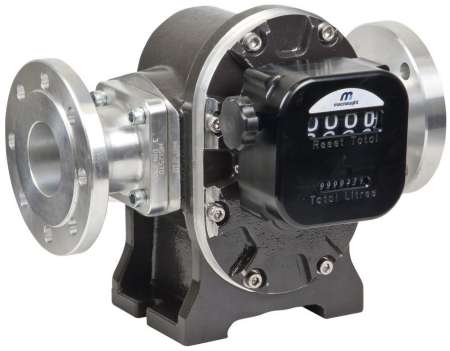
F100-3S4 - 4" MECHANICAL FLOW METER WITH HEAVY DUTY MECHANICAL DISPLAY

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



F100-3S4

	F100-3S4		
Material of construction			
Meter Body	Cast Aluminium		
Rotor	Aluminium (6061)		
Seals	FKM (Viton)		
Design Specifications			
Process Connections	4" NPT Thread [w/ litres mech 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		

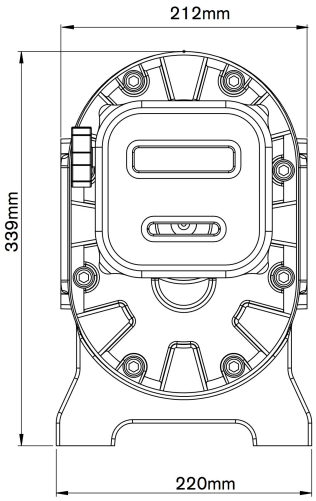
OUTPUT TYPE

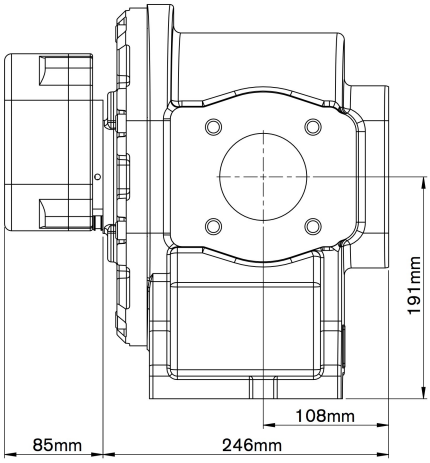
HEAVY DUTY MECHANICAL DISPLAY

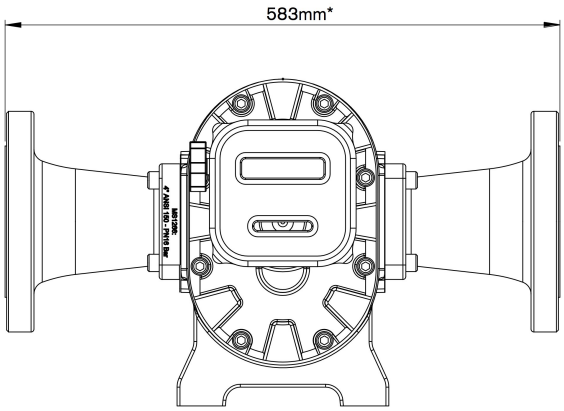
	Heavy Duty Mechanical
Construction	Aluminium
IP Rating	IP67
Temp	Min: - Max: - °C Min: - Max: - °F
EX Approvals	- Please refer to instruction manual and certification documentation for product appropriate certification information
Display	
Digit size (upper/lower)	17mm/6mm
Accumulated total	✓
Resettable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

PRODUCT DATA SHEET

F100-1S4
S100-1S4







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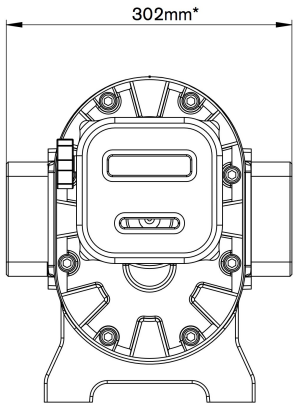

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