

PRODUCT DATA SHEET

F050-3S3 - 2" MECHANICAL FLOW METER WITH STANDARD MECHANICAL DISPLAY

The M Series 2" MECHANICAL FLOW METER are suitable for flows between 15 – 500 L/min (3.96 - 132.09 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 500 L/min / 132.09 GPM
- Accuracy of $\pm 1.00\%$ of reading
- Exceptional repeatability of $\pm 0.03\%$
- Temperature up to 80 °C / 176 °F
- 1 point factory calibration as standard, with additional points upon request

SPECIFICATIONS



F050-3S3

	F050-3S3			
Material of construction	Meter Body	Cast Aluminium		
	Rotor	PPS		
	Seals	FKM (Viton)		
Design Specifications				
Process Connections		2" NPT Thread [w/ litres mech display]		
Technical Specifications		min	max	
	Flow rate	15	500	L/min
		< 5cPr	3.96	132.09
	> 5cP	15	500	L/min
			3.96	132.09
	Non lubricating fluids	-	500	L/min
			-	132.09
	Operating Temperature Range**	-40	80	°C
		-40	176	°F
	Accuracy (±%)	1.00%		
	Repeatability (±%)	0.03%		
Nominal K-Factor	- Pulses/Litre			
	- Pulses/Gallon			

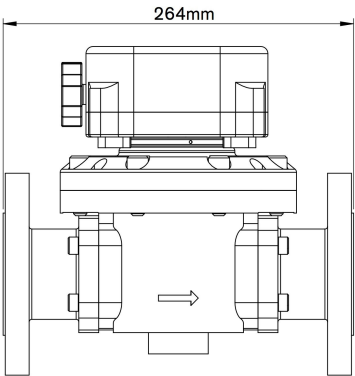
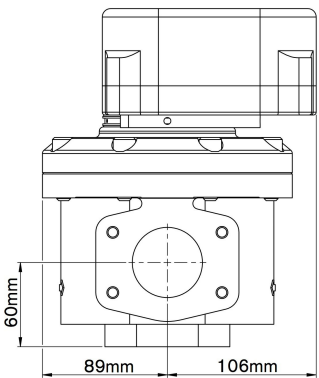
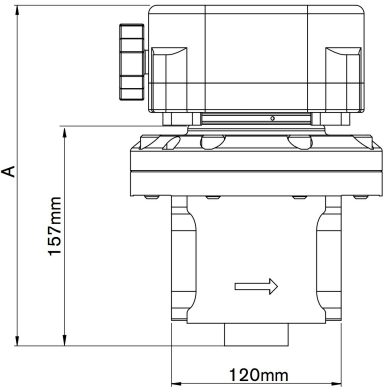
OUTPUT TYPE



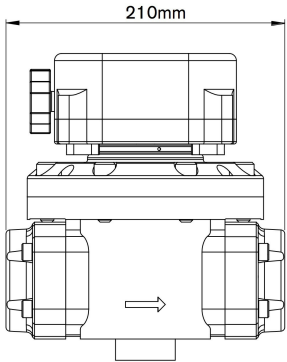
STANDARD MECHANICAL DISPLAY

Standard Mechanical	
Construction	Polypropylene
IP Rating	IP56
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)	5mm/5mm
Accumulated total	✓
Resettable total	✓
Preset total	✗
Flow rate	✗
Outputs	
4-20 mA (passive)	✗
Pulse/Transistor Output	✗
Flow Alarm	✗
Batch Control output	✗

F050-1S4
S050-1S4
M050-1S4



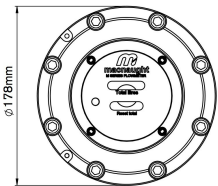
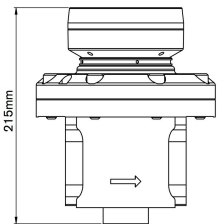
ANSI/DIN/JIS



G/NPT

DISPLAY HEIGHT - A

TYPE 3
MECHANICAL REGISTER - STANDARD



TYPE 4
MECHANICAL REGISTER - HEAVY DUTY

