

PRODUCT DATA SHEET

M040-2T4 - 1 1/2" MECHANICAL FLOW METER WITH HEAVY DUTY MECHANICAL DISPLAY

The M Series 1 1/2" MECHANICAL FLOW METER are suitable for flows between 10 – 250 L/min (2.64 - 66.04 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 Stainless Steel construction
- FEP Encapsulated seals
- Maximum flow rate 250 L/min / 66.04 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



M040-2T4

| M040-2T4 | | | |
|--------------------------|-------------------------------|---|-------|
| Material of construction | Meter Body | Cast Stainless Steel | |
| | Rotor | Stainless Steel (316) | |
| | Seals | FEP Encapsulated | |
| | Design Specifications | 1 1/2" NPT Thread [w/ USG mech display] | |
| Technical Specifications | Process Connections | 1 1/2" NPT Thread [w/ USG mech display] | |
| | Flow rate | min | max |
| | | 15 | 235 |
| | < 5cPr | 3.96 | 62.08 |
| | | 10 | 250 |
| | > 5cP | 2.64 | 66.04 |
| | | - | 250 |
| | Non lubricating fluids | - | 66.04 |
| | | -40 | 120 |
| | Operating Temperature Range** | -40 | 248 |

OUTPUT TYPE

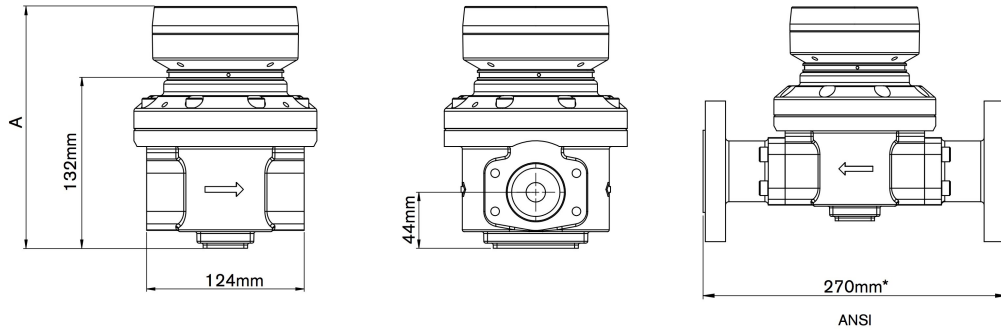


HEAVY DUTY MECHANICAL DISPLAY

| 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 | ✗ |

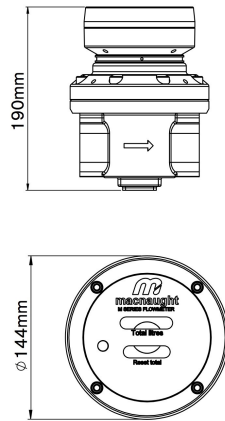
PRODUCT DATA SHEET

F040-1S3
M040-1S3
S040-1S3



DISPLAY HEIGHT - A

TYPE 3
MECHANICAL REGISTER - STANDARD



TYPE 4
MECHANICAL REGISTER - HEAVY DUTY

