

# Macnaught Flow Measurement

## Technical Specification Sheet

**Meter Model Number**

**F050-1S3**

**Port Size-** 2"

**Port Thread-** BSP (Rp)

**Body Material-** Aluminium

**Rotor Material-** PPS

**Bushing Material-** N/A

**Seal Material-** FKM (Viton®)

**Flow Range-**

Litres/Min	< 5 cPs	<b>15 LPM</b>	<b>500 LPM</b>
	> 5 cPs	<b>15 LPM</b>	<b>500 LPM</b>
USG/Min	< 5 cPs	<b>4 GPM</b>	<b>130 GPM</b>
	> 5 cPs	<b>4 GPM</b>	<b>130 GPM</b>

**Pressure-**

	<u>kPa</u>	<u>BAR</u>	<u>PSI</u>
Max WP	<b>3400</b>	<b>34</b>	<b>500</b>

**Temperature-**

	<u>°C</u>	<u>°F</u>
Min	<b>-40</b>	<b>-40</b>
Max	<b>80</b>	<b>176</b>

**K Factor-**

Pulses/Litre	<b>0</b>
Pulses/USG	<b>0</b>

**Output Type-** Std. Mechanical Register

**Accuracy-**

1.0%

**Repeatability-**

0.03%

**Rotor Type-**

Std.



### Accessories

**Digital Displays & Batch Controllers (Not Available on Mechanical Meters)**

	<u>Meter Mounted</u>	<u>R/M Alum.</u>	<u>R/M Plastic</u>
<b>Pulse Cap-</b>	N/A	<b>Housing</b>	<b>Housing</b>
<b>DR-</b>	N/A	DR-WM	N/A
<b>DRA-</b>	N/A	DRA-WM	N/A
<b>ER-</b>	N/A	ER-RMA	ER-RMP
<b>ERA-</b>	N/A	ERA-RMA	ERA-RMP
<b>ERB-</b>	N/A	ERB-RMA	ERB-RMP
<b>ERS-</b>	N/A	ERS-RMA	ERS-RMP
<b>ERX-</b>	N/A	ERX-RMA	ERX-RMP
<b>ERAX-</b>	N/A	ERAX-RMA	ERAX-RMP
<b>ERBX-</b>	N/A	ERBX-RMA	ERBX-RMP

**Port Adaptors & Strainer Kits**

- SS Y-Strainer- BS050
  - Air/ Eliminator Strainer- 0
  - Ansi 150# Flange Adaptor- FKIT-050-FO-AN
  - DIN PN16 Flange Adaptor- FKIT-050-FO-DN
  - JIS 10k Flange Adaptor- FKIT-050-FO-JS
  - BSP (Rp) Thread Adaptor- 0
  - BSP (Rc) Thread Adaptor- FKIT-050-FO-RC
  - NPT Thread Adaptor- FKIT-050-FO-NP
- Port Adaptor Kits Include O-rings and Bolts*

### Dimensional Drawing

#### M50 MECHANICAL REGISTERS

	ALL FLANGED CONFIGURATIONS		ANSI		DIN		JIS		Rp/NPT/Rc		BSP		NPT	
	A	SS	B	C	B	C	B	C	A	SS	B	C	B	C
STANDARD	260.80	286.80	212	152	193.8	165	212	155	210	236	212	N/A	212	N/A
HEAVY DUTY	260.80	286.80	251	152	238	165	251	155	210	236	251	N/A	251	N/A

