

Macnaught Flow Measurement

Technical Specification Sheet

Meter Model Number

F050-1S1

Port Size- 2"

Port Thread- BSP (Rp)

Min Max

<u>Flow Range-</u>	Litres/Min	< 5 cPs	15 LPM	500 LPM
		> 5 cPs	15 LPM	500 LPM
	USG/Min	< 5 cPs	4 GPM	130 GPM
		> 5 cPs	4 GPM	130 GPM

Body Material-

Aluminium

Rotor Material-

PPS

Bushing Material-

N/A

Seal Material-

FKM (Viton®)

Pressure-

		<u>kPa</u>	<u>BAR</u>	<u>PSI</u>
Max WP		5500	55	800

Temperature-

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

K Factor-

Pulses/Litre	6.68
Pulses/USG	25.29

Output Type- Reed & Hall Effect

Accuracy-

0.5%

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>
<u>Pulse Cap-</u>	PC025MFS	<u>Housing</u>	<u>Housing</u>
<u>DR-</u>	DR10-1AS	DR-WM	N/A
<u>DRA-</u>	DRA10-1AS	DRA-WM	N/A
<u>ER-</u>	ER-M	ER-RMA	ER-RMP
<u>ERA-</u>	ERA-M	ERA-RMA	ERA-RMP
<u>ERB-</u>	ERB-M	ERB-RMA	ERB-RMP
<u>ERS-</u>	ERS-M	ERS-RMA	ERS-RMP
<u>ERX-</u>	ERX-M	ERX-RMA	ERX-RMP
<u>ERAX-</u>	ERAX-M	ERAX-RMA	ERAX-RMP
<u>ERBX-</u>	ERBX-M	ERBX-RMA	ERBX-RMP

Port Adaptors & Strainer Kits

SS Y-Strainer- N/A

Air/ Eliminator Strainer- BSA050

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 (Rc) Thread Adaptor- FKIT-050-FO-RC

NPT Thread Adaptor- FKIT-050-FO-NP

Port Adaptor Kits Include O-rings and Bolts

Dimensional Drawing

All 050 Models – with Digital 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
PULSE	260.80	286.80	193.8	152	193.8	165	193.8	155	210	236	193.8	N/A	193.8	N/A
DR	260.80	286.80	238	152	238	165	238	155	210	236	238	N/A	238	N/A
ER	260.80	286.60	243	152	243	165	243	155	210	236	243	N/A	243	N/A

