



PRODUCT IDENTIFIER

OM = Oval Gear Meter

METER SIZE 2

- **004** = 1/8" (4 mm), 0.26-9.5 GPH (1.0-36 L/hr) **006** = 1/4" (6 mm), 0.5-27 GPH (2-100 L/hr)
- **008** = 3/8" (8 mm), 4-145 GPH (15-550 L/hr)

BODY MATERIAL 3

- $\mathbf{A} = Aluminum$
- $\mathbf{S} = 316$ Stainless Steel
- **N** = Intermediate Pressure 316L SS (1450 PSI / 100 bar)

ROTOR MATERIAL / BEARING TYPE

- 00 = PPS (Not available for 300° F (150° C) meters) / No bearing (Available for OM008 only)
- 51 = Stainless Steel / Carbon Ceramic (Standard on 0M004 & 0M006, optional for 0M008)
- **71** = Keishi cut Stainless Steel (For high viscosity liquids) / Carbon Ceramic (Available for OM008 only)

O-RING MATERIAL 5

- $\mathbf{1} = \mathsf{FKM} \text{ (Viton}^{\mathsf{TM}}) 5^{\circ} \mathsf{F} \text{ minimum (-15° C)}$
- $\mathbf{3} = \mathsf{PTFE}$ encapsulated FKM (VitonTM) 5° F minimum (-15° C)
- 4 = Buna-N (Nitrile), -40° F minimum (-40° C)

MAXIMUM TEMPERATURE LIMIT 6

- **-2** = 250° F (120° C) max.
- $-3 = 300^{\circ}$ F (150° C) max. (Hall Effect)(Includes Stainless Steel terminal cover)
- $-5 = 250^{\circ} F (120^{\circ} C) max.$ (includes integral cooling fin)
- $-8 = 176^{\circ}$ F (80° C) max. (meters with integral instruments, OM008 with PPS rotors)

PROCESS CONNECTIONS 7

- $\mathbf{1} = \text{BSPP}$ (G) female threaded (ISO 228)
- $\mathbf{2} = \mathsf{NPT}$ female threaded
- $\mathbf{B} = \text{Bottom entry manifold (SS body only)}$

CABLE ENTRIES 8

- $1 = M20 \times 1.5 \text{ mm}$ (M16 x 1.5 mm for R4 options)
- **2** = 1/2" NPT
- $6 = 3 \times 16$ mm drilled holes (for F instruments only)

OM SERIES SMALL CAPACITY (OVAL GEAR METERS)

The **FLOMEC® OM Small Capacity Oval Gear Meters** have a large flow range and offer the ability to handle a wide range of fluid viscosities with exceptional levels of repeatability.

FEATURES / BENEFITS

- · High accuracy and repeatability, direct volumetric reading
- · Measures high and low viscosity liquids
- No requirement for flow conditioning (straight pipe runs)
- Stainless Steel rotors (Optional PPS rotor for OM008 meter only)
- · Quadrature pulse output option and bi-directional flow
- Optional Exd I/IIB approval (ATEX, IECEx)
- · Only two moving parts

INTEGRAL OPTIONS 9

- _ = Combination Reed Switch and Hall Effect Sensor
- SS = Stainless Steel terminal cover
- **RS** = Reed Switch only to suit Intrinsically safe installations
- E1 = Explosion proof Exd IIB T3...T6 (Aluminum & Stainless Steel meters) [IECEx & ATEX approved]
- **E2** = Explosion proof Exd I/IIB T3...T6 (Stainless Steel meters only) [IECEx & ATEX mines approved]
- **QP** = Quadrature pulse (2 NPN phased outputs)
- $\textbf{Q1} = \text{Explosion proof} \sim \text{Exd}$ (with quadrature pulse) [IECEx & ATEX approved]
- **HR** = High Resolution Hall Effect output (004 006 only)
- H1 = Explosion proof ~ Exd with HR Hi-Res. Hall option (004-006 only)
- **R3** = RT12 Intrinsically Safe rate totalizer with all outputs (GRN Housing) [IECEx & ATEX approved]*#
- **R3G** = RT12 Intrinsically Safe rate totalizer with all outputs (GRN Housing) [IECEx & ATEX approved] (with gallons calibration)*#
- R4 = RT40 rate totalizer with backlit large digit LCD (Alloy housings with facia)*#
- **R4G** = RT40 rate totalizer with backlit large digit LCD (Alloy housings with facia) (with gallons calibration)*#
- R5 = RT14 backlit rate totalizer with all outputs (GRN Housing)*#
- **R5G** = RT14 backlit rate totalizer with all outputs (GRN Housing) (with gallons calibration)*#
- E18 = E018 backlit rate/tot, pulse, 4-20mA, 10 point linearization, HART, aluminium body [IECEx & ATEX approved]#
- E19 = E018 backlit rate/tot, pulse, 4-20mA, 10 point linearization, HART, stainless steel body [IECEx & ATEX approved]#
- **F18** = F018 backlit rate/tot, pulse, 4-20mA, 10 point linearization, HART#
- F19 = F018 backlit rate/tot, pulse, 4-20mA, 10 point linearization, HART, Intrinsically safe# [IECEx & ATEX approved]
- F31 = Intrinsically safe F130 2 stage batch controller# [IECEx & ATEX approved]

*Temp code 5 required for integral instruments between 176°F (80°C) & 250°F (120°C) #Temp code 8 required for integral instruments below 176°F (80°C)



	OM004	OM006	OM008	
Nominal Size:	1/8" (4 mm)	1/4" (6 mm)	3/8" (8 mm)	
Flow* Range:	0.26-9.5 GPH (1.0-36 L/hr)	0.5-27 GPH (2-100 L/hr)	4-145 GPH (15-550 L/hr)	
Accuracy⁺ @ 3cp:	± 1.0% of readin optional RT	g (accuracy is ± 0.2 14 with non-linearity	% of reading with correction)	
Repeatability:	Турі	cally $\pm 0.03\%$ of rea	ding	
Temperature Range:	-40° F to +300° F (-40° C to +150° C)			
Pressure Rat	ing (Threaded Me	ter):		
Aluminum	220 psi (15 bar)			
316 Stainless Steel	495 psi (34 bar)			
Intermediate Pressure Stainless Steel	1450 psi (100 bar)			
Recom- mended Filtration:	200 mesh (75 μm)			

DIMENSIONS

			С	
OPTION	OM004	OM006	OM008	-
RT12 / RT14 GRN	4.8"	4.8"	5.0"	4.9"
HOUSING	(122 mm)	(122 mm)	(129 mm)	(124 mm)
RT40	4.9"	4.9"	5.2"	3.8"
	(125 mm)	(125 mm)	(132 mm)	(96 mm)
COVER	3.6"	3.6"	3.9"	2.8"
	(92 mm)	(92 mm)	(99 mm)	(72 mm)

*All dimensions are ± .079" (±2mm)

APPLICATIONS

- Oils
- Fuel
- Diesel
- Truck Metering
- Chemical Additive Injection
- Batching

- Molasses
- Clean Fluids
- Bunker C Fuel Oil
- Oil-Based Paints
- Industrial Fluids
- Chemical Feed Lines

	OM004 OM006		OM008		
Electrical:					
Output Pulse Resolution:	Pulses / gallon (Pulses / L) - Nominal				
Reed Switch	10600 (2800)	3975 (1050)	1345 (355)		
Hall Effect	10600 (2800)	3975 (1050)	2690 (710)		
QP - Quadrature Hall option	10600 (2800)	3975 (1050)	2690 (710)		
HR - High Resolution Hall Effect	42400 (11200)	15900 (4200)	n/a		
Reed Switch Output	30V (dc) x 200mA max. [maximum thermal shock 18° F (10° C) / minute]				
Hall Effect Output (NPN)	3 wire open collector, 5-24V (dc) max., 20mA max.				
Optional Outputs	4-20mA, scaled putton two	ulse, quadrature pul o stage batch contr	se, flow alarms or ol		

*Maximum flow is to be reduced as viscosity increases, see flow de-rating guide. Max recommended pressure drop is 14.5 psi (1 bar). *When used to meter rate, at very low flow rates, the rate can jump, due to resolution (not accuracy).



Service & Warranty: For technical assistance, warranty replacement or repair contact your FLOMEC® or GPI® distributor: In North or South America: 888-996-3837 / FLOMEC.net Outside North or South America: +61 2 9540 4433 / FLOMEC.net



GREAT PLAINS INDUSTRIES

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PRODUCT IDENTIFIER 1

OM = Oval Gear Meter

METER SIZE 2

- 015 = 1/2" (15 mm), 0.26-10.6 GPM (1-40 L/min)
- **025** = 1" (25 mm), 2.6-40 GPM (10-150 L/min)
- **040** = 1-1/2" (40 mm), 4-66 GPM (15-250 L/min)
- 050 = 2" (50 mm), 8-118 GPM (30-450 L/min) with SS Rotors
- 050 = 2" (50 mm), 8-130 GPM (30-500 L/min) with PPS Rotors

BODY MATERIAL 3

$\mathbf{A} = Aluminum$

- M = Intermediate pressure aluminum meter (2000 psi [138 bar] max.) (0M025 only)
- S = 316L Stainless Steel
- N = Intermediate Pressure 316L SS (0M015-0M025N = 1450 psi [100 bar]) (0M040N-0M050N = 725 psi / 50 bar)

ROTOR MATERIAL / BEARING TYPE 4

- 00 = PPS (not available for 300° F [150° C] meters) / No bearing
- 10 = Keishi cut PPS (for high viscosity liquids) (not available for 300° F [150° C] meters) / No bearing
- **51** = Stainless Steel / Carbon Ceramic
- **71** = Keishi cut Stainless Steel (for high viscosity liquids) / Carbon Ceramic

O-RING MATERIAL 5

- $\mathbf{1} = \mathsf{FKM}$ (VitonTM) (standard for Alum.) 5° F minimum (-15° C)
- **3** = PTFE encapsulated FKM (Viton[™])
- $\mathbf{4} = \text{Buna-N}$ (Nitrile), -40° F minimum (-40° C)

MAXIMUM TEMPERATURE LIMIT 6

- -2 = 250° F (120° C) max.
- -3 = 300° F (150° C) max. (Hall Effect) (Includes Stainless Steel terminal cover)
- -5 = 250° F (120° C) max. (includes integral cooling fin)
- $-8 = 176^{\circ} F (80^{\circ} C) max.$ (meters with integral instruments)

PROCESS CONNECTIONS 7

- **O** = No fittings (Not available on 015 size)
- $\mathbf{1} = BSPP (G)$ female threaded (ISO 228)
- $\mathbf{2} = \mathsf{NPT}$ female threaded
- $\mathbf{3}$ = Sanitary Fittings (are 1/2" (13 mm) larger than meter size)
- **4** = ANSI-150 RF Flanged
- 5 = ANSI-300 RF Flanged
- 6 = PN16 DIN Flanged

CABLE ENTRIES 8

- **1** = M20 x 1.5 mm (M16 x 1.5 mm for R4 option)
- **2** = 1/2 in. NPT
- $\mathbf{6} = 3 \times 16 \text{ mm}$ drilled holes (for F instruments only)

OM SERIES MEDIUM CAPACITY (OVAL GEAR METERS)

The **FLOMEC® OM Medium Capacity Meters** are great for medium flow ranges and have the ability to handle a wide range of fluid viscosities.

FEATURES / BENEFITS

- · High accuracy and repeatability, direct volumetric reading
- · Measures high and low viscosity liquids
- · Quadrature pulse output option and bi-directional flow
- Optional Exd I/IIB approval (ATEX, IECEx)
- No requirement for flow conditioning (straight pipe runs)
- Only two moving parts

INTEGRAL OPTIONS 9

- ____ = Combination Reed Switch and Hall Effect Sensor
- **SS** = Stainless Steel terminal cover
- **RS** = Reed Switch only to suit Intrinsically safe installations
- E1 = Explosion proof Exd IIB T3...T6 (Aluminum & Stainless meters) [IECEx & ATEX approved]
- E2 = Explosion proof Exd I/IIB T3...T6 (stainless meters only) [IECEx & ATEX mines approved]
- **QP** = Quadrature pulse (2 NPN phased outputs)
- **QPN** = Quadrature pulse (2 NPN phased outputs) with Australian NZNMI approval for trade sale
- Q1 = Explosion proof Exd (with quadrature pulse) [IECEx & ATEX approved]
- Q1N = Explosion proof Exd (IECEx & ATEX) with Quadrature pulse with Australian NMI & NZ approval for trade sale (Not available on 015 size)
- R3 = Intrinsically safe RT12 with all outputs (GRN housing) [IECEx & ATEX approved]*#
- R3G = RT12 Intrinsically Safe rate totalizer with all outputs (GRN Housing) [IECEx & ATEX approved] (with gallons calibration)*#
- R4 = RT40 rate totalizer with backlit large digit LCD [scalable pulse output, backlight]*#
- **R4G** = RT40 rate totalizer with backlit large digit LCD (Alloy housings with facia) (with gallons calibration)*#
- **R5** = RT14 backlit rate totalizer with all outputs (GRN Housing)*#
- **R5G** = RT14 backlit rate totalizer with all outputs (GRN Housing) (with gallons calibration)*#
- E18 = E018 backlit rate/tot, pulse, 4-20mA, 10 point linearization, HART, aluminium body [IECEx & ATEX approved] (Not available with 015 size)#
- E19 = E018 backlit rate/tot, pulse, 4-20mA, 10 point linearization, HART, stainless steel body [IECEx & ATEX approved] (Not available with 015 size)#
- $\label{eq:F18} \textbf{F18} = F018 \text{ backlit rate/tot, pulse, 4-20mA, 10 point linearization, } \\ \textbf{HART#}$
- **F19** = F018 backlit rate/tot, pulse, 4-20mA, 10 point linearization, HART, Intrinsically safe [IECEx & ATEX approved]#

F31 = Intrinsically safe F130 2 stage batch controller [IECEx & ATEX approved]#



*Temp code 5 required for integral instruments between 176°F (80°C) & 250°F (120°C) #Temp code 8 required for integral instruments below 176°F (80°C) by 20%

	OM015	OM025	OM040	OM050	
Nominal Size:	1/2" (13 mm)	1" (25 mm)	1 1/2" (38 mm)	2" (51 mm)	
*Flow	0.26-10.6	2.6-40	4-66 GPM	8-118 GPM (30-450 L/ min) (SS)	
Range: GPM GPM (1-40 L/min) (10-150 L/min)	(15-250 L/ min)	8-130 GPM (30-500 L/ min) (PPS)			
Accuracy @3cp:	± 0.5% of reading (accuracy is ± 0.2% of reading with optional RT14 with non-linearity correction)				
Repeatability:		Typically ± 0.03	3% of reading		
Temperature Range:	-40° F to +300° F (-40° C to +150° C) refer to factory for lower temperature				
Pressure Rat	ing (Threaded	Meter):			
Aluminum	990 psi (68 bar)	990 psi (68 bar)	435 psi (30 bar)	285 psi (20 bar)	
Intermediate Pressure Aluminum		2000 psi (138 bar)			
316 Stainless Steel	990 psi (68 bar)	990 psi (68 bar)	435 psi (30 bar)	550 psi (38 bar)	
Intermediate Pressure SS	1450 psi (100 bar)	1450 psi (100 bar)	725 psi (50 bar)	725 psi (50 bar)	

DIMENSIONS All dimensions are ± .079 (±2 mm)

Modular			ŀ	۹.		
Fitting	OM015	OM025A	OM025S/N	OM040	OM050	OM050E
A.N.S.I.150	7.4"	7.8"	9.3"	9.9"	10.9"	10.9"
DIN16	(189 mm)	(198 mm)	(237 mm)	(252 mm)	(277 mm)	(277 mm)
B.S.P	4.3"	5.4"	6.9"	7.4"	8.3"	8.3"
N.P.T.	(110 mm)	(137 mm)	(176 mm)	(188 mm)	(212 mm)	(212 mm)

Configuration	В							
O	OM015A	OM015S/N	OM025A	OM025S/N	OM040A	OM040S/N	OM050	OM050E
RT12 / RT14	6.0"	5.8"	6.6"	6.5"	7.9"	7.6"	8.6"	10.5"
GRN Housing	(154 mm)	(148 mm)	(168 mm)	(165 mm)	(203 mm)	(194 mm)	(218 mm)	(268 mm)
RT40 Alloy	6.2"	5.9"	6.7"	6.6"	8.1"	7.8"	8.7"	10.7"
Housing	(157 mm)	(151 mm)	(171 mm)	(168 mm)	(206 mm)	(197 mm)	(221 mm)	(271 mm)
Cover	4.2"	3.9"	4.7"	4.6"	6.1"	5.7"	6.7"	8.6"
	(106 mm)	(100 mm)	(123 mm)	(117 mm)	(155 mm)	(146 mm)	(170 mm)	(220 mm)

	OM015	OM025	OM040	OM050
Pressure Rat	ing (Mechanica	al Meter):		
Aluminum	580 psi (40 bar)	580 psi (40 bar)	435 psi (30 bar)	285 psi (20 bar)
316 Stainless Steel	580 psi (40 bar)	580 psi (40 bar)	435 psi (30 bar)	285 psi (20 bar)
Recom- mended Filtration	100 mesh (150 μm)			
Electrical:				
Output Pulse Resolution:	Pulses / gallon (Pulses / L) - Nominal			
Reed Switch	318 (84)	120 (27)	53 (14)	25 (6.5)
Hall Effect	636 (168)	405 (107)	212 (56)	99 (26)
QP - Quadrature Hall Option	636 (168)	204 (54)	106 (28)	49 (13)
Reed Switch Output	30V (dc) x 200mA max. [maximum thermal shock 18° F (10° C) / minute]			
Hall Effect Output (NPN)	3 wire open collector, 5-24V (dc) max., 20mA max.			
Optional Outputs	4-20mA, scale	ed pulse, quad two stage ba	rature pulse, fl atch control	ow alarms or

*Maximum flow is to be reduced as viscosity increases, see flow de-rating guide. Max recommended pressure drop is 14.5 psi (1 bar).

APPLICATIONS

- Oils
- Fuel
- Diesel
- Truck Metering Bunker C Fuel
- Oil Chemical Addi-• tive Injection
- Batching

- Molasses
- Clean Fluids
- Oil-Based
- Paints
- Industrial Fluids Chemical Feed
- Lines



GREAT PLAINS INDUSTRIES Wichita / Sydney







APPROVALS

OM040: Ø6.3" (160 mm) OM050: Ø7.1" (180 mm)

OM015: Ø4.3" (110 mm) OM025: Ø4.7" (120 mm)





Service & Warranty: For technical assistance, warranty replacement or repair contact your FLOMEC® or GPI® distributor: In North or South America: 888-996-3837 / FLOMEC.net Outside North or South America: +61 2 9540 4433 / FLOMEC.net IND-1043-OM-Medium 03/19





PRODUCT IDENTIFIER 1

OM = Oval Gear Meter

METER SIZE 2

- **080** = 3 inch (80mm), 10-200 GPM (35-750 L/min)
- **080E** = 3 inch Extended Flow (80mm), 13-260 GPM (50-1000 L/min)
- **100** = 4 inch (100mm), 20-400 GPM (75-1500 L/min)
- **100E** = 4 inch Extended Flow (100mm), 40-660 GPM (150-2500 L/min) (Only available with Aluminum Rotors)

BODY MATERIAL 3

- $\mathbf{A} = Aluminum$
- E = Extended flow Aluminum version
- S = 316L Stainless Steel (0M080 only)

ROTOR MATERIAL / BEARING TYPE

- 00 = PPS (not available for 300°F (150°C)) / No bearing
- 10 = Keishi cut PPS (for high viscosity liquids) (not available for 300°F (150°C)) / No bearing
- 44 = Aluminum/Hardened Steel Roller (100E only)
- **51** = Stainless Steel / Carbon Ceramic (080 only)
- 71 = Keishi cut Stainless Steel rotors (for high viscosity liquids) / Carbon Ceramic (080 only)

O-RING MATERIAL 5

- $\mathbf{1} = \mathsf{FKM} \text{ (Viton}^{\mathsf{TM}} \text{) } -5^{\circ} \overline{\mathsf{F}} \text{ minimum (-15^{\circ} C)}$
- 3 = PTFE encapsulated FKM (Viton[™]) (included KALREZ shaft seals) 5° F minimum (-15° C)
- 4 = Buna-N (Nitrile), -40° F minimum (-40° C)

MAXIMUM TEMPERATURE LIMIT 6

- **-2** = 250° F (120° C) max.
- -3 = 300° F (150° C) max. (OM080 only) (Hall Effect output only)
- $-5 = 250^{\circ} F (120^{\circ} C) max.$ (includes integral cooling fin)
- -8 = 176° F (80° C) max. (meters with integral instruments)

PROCESS CONNECTIONS 7

- **0** = No fittings
- $\mathbf{1} = BSPP$ (G) female threaded (ISO 228)
- $\mathbf{2} = \mathsf{NPT}$ female threaded
- 4 = ANSI-150 RF Flanged
- 6 = PN16 DIN Flanged

CABLE ENTRIES 8

- **1** = M20 x 1.5 mm
- **2** = 1/2 in. NPT

OM SERIES LARGE CAPACITY (OVAL GEAR METERS)

The **FLOMEC® OM Large Capacity Oval Gear Meters** have fitting sizes of 3 inches and 4 inches, and handle volumetric flow measurement of clean liquids used in a wide range of applications.

FEATURES / BENEFITS

- High accuracy and repeatability, direct volumetric reading
- · Measures high and low viscosity liquids
- Quadrature pulse output option and bi-directional flow
- Optional Exd I/IIB approval (ATEX, IECEx)
- No requirement for flow conditioning (straight pipe runs)
- · Only two moving parts

INTEGRAL OPTIONS 9

- ____ = Combination Reed Switch and Hall Effect Sensor
- SS = Stainless Steel terminal cover
- **RS** = Reed Switch only to suit Intrinsically safe installations
- E1 = Explosion proof Exd IIB T3...T6 (aluminum & stainless meters) [IECEx & ATEX approved]
- E2 = Explosion proof Exd I/IIB T3...T6 (stainless meters only) [IECEx & ATEX mines approved]
- **QP** = Quadrature pulse (2 NPN phased outputs)
- **QPN** = Quadrature pulse (2 NPN phased outputs) with Australian NMI & NZ approval for trade sale
- Q1 = Explosion proof Exd (with quadrature pulse) [IECEx & ATEX approved]
- **Q1N** = Explosion proof Exd (IECEx & ATEX) with Quadrature pulse with Australian NMI & NZ approval for trade sale
- R3 = Intrinsically safe RT12 with all outputs (GRN housing) [IECEx & ATEX approved]*#
- **R3G** = RT12 Intrinsically Safe rate totalizer with all outputs (GRN Housing) [IECEx & ATEX approved] (with gallons calibration)*#
- R4 = RT40 rate totalizer with backlit large digit LCD [scalable pulse output, backlight]*#
- **R4G** = RT40 rate totalizer with backlit large digit LCD (Alloy housings with facia) (with gallons calibration)*#
- R5 = RT14 backlit rate totalizer with all outputs (GRN Housing)*#
- **R5G** = RT14 backlit rate totalizer with all outputs (GRN Housing) (with gallons calibration)*#
- F18 = F018 backlit rate/tot. pulse out, 4-20mA, 10 pt lin, HART#
- F19 = F018 Intrinisic Safe, backlit rate/tot. pulse out, 4-20mA, 10 pt lin, HART [IECEx & ATEX approved]#
- F31 = Intrinsically safe F130 2 stage batch controller [IECEx & ATEX approved]#



*Temp code 5 required for integral instruments between 176°F (80°C) & 250°F (120°C) #Temp code 8 required for integral instruments below 176°F (80°C)

	OM080	OM080E	OM100	OM100E	
Nominal Size:	3" (80 mm)	3" (80 mm)	4"(100 mm)	4"(100 mm)	
Nominal Flow* Range @ 3cP:	10-200 GPM	13-260 GPM	20-400 GPM	40-600 GPM	
	35-750 L/min	50-1000 L/min	75-1500 L/min	150-2500 L/min	
Accuracy:	±0.5% of reading (±0.2% of reading with optional RT14)				
Repeatability:		Typically ± 0.0	3% of reading	l	
Temperature Range:	-40°F - +300°F (-40°C - +150°C)				
Max. Pressure (Aluminum):	175 psi (12 bar)	175 psi (12 bar)	145 psi (10 bar)	145 psi (10 bar)	
Max. Pressure (Stainless Steel):	175 psi (12 bar)	n/a	n/a	n/a	
Protection Class:	IP66/67 (NEMA 4X) Optional EXd I/IIB T3T6, integral ancillaries can be supplied I.S. (Intrinsically Safe)				
Recommended Filtration:		40 Mesh	(400 μm)		

	OM080	OM080E	OM100	OM100E	
Electrical:					
Output Pulse Resolution:	Pulses / gallon (Pulses / L) - Nominal				
Reed Switch:	10.0 (2.65)	5.68 (1.55)	4.15 (1.10)	2.1 (0.56)	
Hall Effect:	40.5 (10.7)	22.7 (6.00)	16.6 (4.40)	8.5 (2.24)	
QP Quadrature Hall Effect:	20.0 (5.33)	11.4 (3.00)	8.3 (2.20)	4.24 (1.12)	
Read Switch Output:	30V (dc) x 200 mA max. (maximum thermal shock 18° F [10° C] / minute)				
Hall Effect Output:	3 wire open collector. 5-24V (dc) max., 20 mA max.				
Optional Outputs:	4-20 mA, alar	scaled pulse, ms or two sta	quadrature p	oulse, flow	

*Maximum flow is to be reduced as viscosity increases, see flow de-rating guide. Max recommended pressure drop is 14.5 psi (1 bar).





DIMENSIONS

All dimensions are ± .079" (±2 mm)

MODULAR	A				
FITTING	OM080	OM080E	OM0100	OM0100E	
Flanged	13.9"	15.0"	15.3"	16.3"	
	(354 mm)	(382 mm)	(388 mm)	(414 mm)	
Threaded	10.5"	11.6"	11.6"	12.6"	
	(266 mm)	(294 mm)	(294 mm)	(320 mm)	

CONFIGURATION	В					
CONFIGURATION	OM080A	OM080S	OM080E	OM0100	OM0100E	
RT12 / RT14 GRN	10.2"	10.1"	10.9"	12.7"	15.7"	
HOUSING	(260 mm)	(257 mm)	(277 mm)	(322 mm)	(399 mm)	
RT40	10.3"	10.2"	11.0"	12.8"	15.9"	
	(264 mm)	(260 mm)	(281 mm)	(326 mm)	(403 mm)	
COVER	8.4"	8.1"	9.0"	10.7"	13.9"	
	(213 mm)	(206 mm)	(229 mm)	(274 mm)	(352 mm)	

APPLICATIONS

• Oils

- Fuel
- Diesel •
- Truck Metering
- Bunker C Fuel Oil
- Chemical Additive Injection
- Batching •
- Molasses

APPROVALS







- Clean Fluids Oil-Based Paints
- Industrial Fluids
- Chemical Feed Lines

Service & Warranty: For technical assistance, warranty replacement or repair contact your FLOMEC® or GPI® distributor: In North or South America: 888-996-3837 / FLOMEC.net Outside North or South America: +61 2 9540 4433 / FLOMEC.net



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PRODUCT IDENTIFIER 1

OM = Oval Gear Meter

METER SIZE 2

025 = 1" (25 mm), 2.6 - 40 GPM (10-150 L/min)

BODY MATERIAL 3

 $\mathbf{P} = PPS$

ROTOR MATERIAL / BEARING TYPE 4

 $\mathbf{OO} = PPS / No bearing$

10 = Keishi cut PPS / No bearing

O-RING MATERIAL 5

- $\mathbf{1} = FKM$ (VitonTM) 5° F minimum (-15° C)
- **3** = PTFE encapsulated FKM (Viton[™]) 5° F minimum (-15° C)
- $\mathbf{4} = \text{Buna-N}$ (Nitrile), -40° F minimum (-40° C)

MAXIMUM TEMPERATURE LIMIT 6

-8 = 176° F (80° C) max.

PROCESS CONNECTIONS 7

- **1** = BSPP (G) female threaded (ISO 228) **2** = NPT female threaded
- $\mathbf{Z} = \mathbf{NPT}$ lettiale tilleauer

CABLE ENTRIES 8

- $1 = M20 \times 1.5 \text{ mm}$ (M16 x 1.5 mm for R4 option)
- **2** = 1/2 in. NPT
- 6 = 3 x 16 mm drilled holes (for F instruments only)

OM SERIES CHEMICAL FLOW METER

The **FLOMEC® Chemical Flow Meter** provides precise volumetric flow measurement of a broad range of clean water based products and aggressive chemicals and is also suitable for most fuels, fuel oils and lubricating liquids. Applications include batching, dosing or packaging of various corrosive chemicals as a more economical alternative to a complete 316 stainless steel meter for liquids such as Diesel Exhaust Fluid (Adblue).

FEATURES / BENEFITS

- High accuracy & repeatability, direct reading flow meter
- No requirement for flow conditioning (straight pipe runs)
- Measures high & low viscosity liquids
- Quadrature pulse output option & bi-directional flow
- Optional NMI Pattern Approval (Australia Only)

INTEGRAL OPTIONS 9

- = Combination Reed Switch and Hall Effect Sensor
- **QP** = Quadrature pulse (2 NPN phased outputs)
- **QPN** = Quadrature pulse (2 NPN phased outputs) with Australian NMI & NZ approval for trade sale
- R4 = RT40 rate totalizer with backlit large digit LCD [scalable pulse output, backlight]*#
- **R4G** = RT40 rate totalizer with backlit large digit LCD (Alloy housings with facia) (with gallons calibration)*#
- **R5** = RT14 backlit rate totalizer with all outputs (GRN Housing)*#
- **R5G** = RT14 backlit rate totalizer with all outputs (GRN Housing) (with gallons calibration)*#
- $\label{eq:F18} \textbf{F18} = F018 \text{ backlit rate/tot, pulse, 4-20mA, 10 point linearization, } \\ \textbf{HART#}$



METER SELECTION

- PPS meters are used for non-aromatic/non-halogenated organic chemicals, water based liquids, Diesel Exhaust Fluid and petroleum products including oils and grease, fuels and fuel oils. It is unsuitable for strong acids and oxidizers.
- PPS meters with standard ceramic rotor pins are suitable for applications where stainless steel is not suited or permitted.
- Blind pulse meters are available with Reed Switch and Hall Effect outputs. Quadrature pulse and integral 4-20mA outputs are optional.

	OM025			
Nominal Size:	1" (25 mm)			
Nominal Flow Range* @ 3cP:	2.6 - 40 GPM (10-150 L/min)			
Accuracy:	$\pm 0.5\%$ of reading (±0.2% of reading with optional RT14)			
Repeatability:	Typically \pm 0.03% of reading			
Temperature Range:	-40°C - +80°C (-40°F - +180°F)			
Max. Pressure	70 psi (5 bar)			
Electrical:				
Output Pulse Resolution:	Pulses / gallon (Pulses / L) - Nominal			
Reed Switch:	102 (27)			
Hall Effect:	405 (107)			
QP Quadrature Pulse	204 (54)			
Reed Switch Output:	30V (dc) x 200mA max. (maximum thermal shock 18°F [10°C] / minute)			
Hall Effect Output:	3 wire open collector. 5-24V (dc) max., 20mA max.			
Recommended Filtration	200 mesh [75 µm]			

DIMENSIONS

В

	В	С
RT12 / RT14	6.57" (167 mm)	4.88" (124 mm)
RT40	6.69" (170 mm)	3.78" (96 mm)
COVER	4.84" (123 mm)	2.91" (74 mm)

RT12 / RT14

RT40 COVER



*Maximum flow is to be reduced as viscosity increases, see flow de-rating guide. Maximum recommended pressure drop is 14.5psi [1 Bar]



NEMA **IP65 CE**

Service & Warranty: For technical assistance, warranty replacement or repair contact your FLOMEC® or GPI® distributor: In North or South America: 888-996-3837 / FLOMEC.net Outside North or South America: +61 2 9540 4433 / FLOMEC.net







EGM-SERIES ELECTRONIC FLOWMETER

All EGM-Series pulse meters are designed for volumetric flow measurement of clean liquids across a broad range of applications in the automotive, aviation, mining, power, chemical, pharmaceutical, and petroleum industries. The EGM-Series will produce accurate and reliable measurements of almost all clean liquids, including but not limited to; alcohols, fuels and oils, water based salts and solutions, corrosion inhibitors, brake and transmission fluids, greases, emulsifiers, adhesives, insecticides, and some aggressive chemicals.

FEATURES / BENEFITS

- · Oval Gear technology for high accuracy and repeatability
- · Direct volumetric measurement of flow
- Accuracy of reading is not affected by temperature and viscosity changes
- · Measures high and low viscosity liquids
- · Only two moving parts
- "Fuel Consumption" option can tolerate flow pulsations and has a built-in temperature sensor to correct for the fuel density changes

GENERAL SPECIFICATIONS

- Flow rates: 0.26 GPH 21.1 GPM (1 L/hr 80 L/min)
- Sizes: 1/8" 3/4" (4 mm 20 mm)
- Temperature range: 5°F +176°F (-15°C +80°C)

CALIBRATION

EGM-Series flowmeters are available with factory calibrations or can be calibrated in the field as an economical option.

FUEL CONSUMPTION

EGM-Series flowmeters with the Fuel Consumption option (Integral Option 2) are equipped with an integral PT100 temperature sensor which allows for accurate measurement of fuel consumption on combustion engines by correcting for temperature differences from the inlet to outlet of the engine. It also includes the Pulsating Flow electronics that eliminate the effect of pulsations in the flow.

PRODUCT CONFIGURATION

PRODUCT IDENTIFIER 1

- EGM004 = 1/8" (4 mm) 0.26 9.6 GPH (1-36 L/hr)
- **EGM006** = 1/4" (6 mm) 0.5 27 GPH (2-100 L/hr)
- EGM008 = 3/8" (8 mm) 4 145 GPH (15-550 L/hr)
- **EGM015** = 1/2" (15 mm) 0.26 10.6 GPM (1-40 L/min)
- EGM020 = 3/4" (20 mm) 0.5 21 GPM (3-80 L/min)

MATERIALS 2

- A00 = Aluminum / PPS / No bearing (EGM008-020)
- A51 = Aluminum / Stainless Steel / Carbon Ceramic (EGM004-015)
- A52 = Aluminum / Stainless Steel / Bronze (EGM004-015)
- S00 = 316 Stainless Steel / PPS / No bearing (EGM008-020)
- **S51** = 316 Stainless Steel / Stainless Steel / Carbon Ceramic (EGM004-015)

O-RING MATERIALS 3

- 1 = Viton (5°F min. [-15°C])
- **3** = Teflon encapsulated Viton (5°F min. [-15°C])
- **4** = Nitrile, (-40°F min. [-40°C])

TEMPERATURE 4

8 = 176°F (80°C) max

PROCESS CONNECTION 5

- **1** = BSPP (G) female threaded (ISO 228)
- **2** = NPT female threaded

INTEGRAL OPTIONS 6

- **0** = Hall effect output (no calibration) (2 m cable)
- 1 = Hall effect output with one point calibration and K-Factor (2 m cable)^*
- 2 = Fuel consumption (Pulsating flow, PT100 temp. sensor, one pt Cal & K-factor) (2 m cable)^*



[^]Statement of conformance K-Factor printed on meter ^{*}Calibration sheet can be ordered

APPLICATIONS

- Aluminum meters with PPS rotors are suitable for petroleum products including: oils, greases, fuels and fuel oils.
- Aluminum meters with stainless steel rotors and bronze bearings are suitable for petroleum products including: fuels with high Benzene content, automotive brake fluid, and some solvents such as turpentine.
- Stainless steel meters are suitable for alcohols, water based liquids, some aggressive liquids, AdBlue (DEF, Urea) as well as fuel and oil applications in saline marine environments.

	EGM004	EGM006	EGM008	EGM015	EGM020	
Nominal Size:	1/8" [4 mm]	1/4" [6 mm]	3/8" [8 mm]	1/2" [15 mm]	3/4" [20 mm]	
Nominal Flow Bange*	1 - 36 L/hr	2-100 L/hr	15-550 L/hr	1-40 L/min	3-80 L/min	
@ 3cP:	0.26-9.5 GPH	0.5-27 GPH	4-145 GPH	.26-10.6 GPM	0.8-21 GPM	
	2-24 L/hr	5-80 L/hr	18-440 L/hr	1.5-32 L/min	5-64 L/min	
Flow Range @ 1cP	0.25-6.34 GPH	1.32-21.13 GPH	4.76-116.24 GPH	0.39-8.45 GPM	1.32-16.91 GPM	
	0.5-36 L/hr	1-100 L/hr	15-550 L/hr	0.5-40 L/min	2-80 L/min	
Flow Range @ 7cP	0.13-9.51 GPH	0.26-26.42 GPH	3.96-145.29 GPH	0.13-10.57 GPM	0.53-21.13 GPM	
	0.4-36 L/hr	0.7-100 L/hr	6-550 L/hr	0.4-40 L/min	1.8-80 L/min	
Flow Range @ 200cP	0.10-9.51 GPH	0.18-26.42 GPH	1.58-145.29 GPH	0.10-10.56 GPM	0.47-21.13 GPM	
	0.25-27 L/hr	0.5-75 L/hr	2-550 L/hr	0.3-40 L/min	1.5-80 L/min	
Flow Range @ 500cP	0.06-7.13 GPH	0.13-19.81 GPH	0.25-145.29 GPH	0.08-10.56 GPM	0.39-26.42 GPM	
	0.12-16 L/hr	0.3-45 L/hr	1.5-360 L/hr	0.2-25 L/min	1-50 L/min	
Flow Range @ 1000cP	0.03-4.22 GPH	0.08-11.89 GPH	0.39-95.10 GPH	0.05-6.6 GPM	0.26-13.21 GPM	
Accuracy⁺:	±1% of reading ±0.5% of reading					
Repeatability:	Typically \pm 0.03% of reading					
Ambient Temperature Range:	5°F - +176°F (-15°C - +80°C)					
Fluid Temperature Range:		23°F -	+176°F (-5°C	+80°C)		
Max. Pressure (Al meters):	500 psi [34 bar]	500 psi [34 bar]	500 psi [34 bar]	290 psi [20 bar]	290 psi [20 bar]	
Max. Pressure (SS meters):	800 psi [55 bar]	800 psi [55 bar]	500 psi [34 bar]	290 psi [20 bar]	290 psi [20 bar]	
Protection Class:			IP65			
Recommended Filtration:	2	00 mesh [75 μm	1]	100 mesh	[150 μm]	
Pulse Output Type:		NPN Open C	Collector (Hall E	ffect Sensor)		
Voltage:			5 - 24 V (dc)			
Current Draw:	20mA max.					
Switching Current:			10mA max.			
Pulse Output Resolution - Standard Pulse/USG [Pulse/L]	10600 [2800]	4012 [1060]	2725 [720]	644 [170]	398 [105]	
Pulse Output Resolution - Fuel Cons. Option Pulse/USG [Pulse/L]	10600 [2800]	4012 [1060]	681 [180]	161 [42.5]	99.5 [26.3]	
RTD Specification (Integral Option 2)	Platinum Resistance Thermometer 100 Ohms (PT100) Class F0.3					

08 6 MEC C Thread

DIMENSIONS

Model:	А	В	С
EGM004	1.81"	1.95"	1.38"
	[46 mm]	[49.5 mm]	[35 mm]
EGM006	2.28"	2.54"	1.54"
	[58 mm]	[64.5 mm]	[39 mm]
EGM008	2.28"	2.54"	1.93"
	[58 mm]	[64.5 mm]	[49 mm]
EGM015	2.84"	3.23"	2.60"
	[72 mm]	[82 mm]	[66 mm]
EGM020	2.84"	3.23"	3.03"
	[72 mm]	[82 mm]	[77 mm]

*Maximum flow reduces as viscosity increases, see flow de-rating guide.

Max recommended Pressure drop is 14.5 psi (1 bar). *When used to meter rate, at very low flow rates, the rate can jump, due

to resolution (not accuracy).

Service & Warranty: For technical assistance, warranty replacement or repair contact your FLOMEC® or GPI® distributor: In North or South America: 888-996-3837 / FLOMEC.net Outside North or South America: +61 2 9540 4433 / FLOMEC.net

Wichita ' Sydney ' Mexico City GREAT PLAINS INDUSTRIES





GENERAL SPECIFICATIONS

EGM Flowmeter

- Flowrates: 0.26 GPH 21.1 GPM (2 L/hr 80 L/min)
- Sizes: 1/4" 3/4" (6 mm 20 mm)
- Engine Power: 7.5HP 5000HP (Please consult distributor for larger engines)
- Temperature Range: -40°F 176°F (-40°C +80°C)
- Body Material: Aluminum
- Rotor Material: PPS (Stainless Steel 316 for EGM006 meters)
- Cable Length: 2 metres (can extend using cable connector)

F127 Totalizer

- Casing: Robust IP66/IP67 Field Enclosure
- Display: 7 digit resettable total, 11 digit accumulated total with backlight
- Required Power Supply: 8 24V (dc) (back up power supply built in to save settings in case of power failure)
- Temperature Limit: -40°F 176°F (-40°C +80°C)
- Output Options: 4-20mA and Pulse output available

KIT SELECTION

Although each Fuel Consumption Kit consists of the same items, the size of the meter and the process connections change depending on the rate of flow, which is a direct correlation to the size of the engine.

A typical diesel fuel loop system would on average have 3.5 times more fuel in its line than what the engine consumes at full load. With this in mind, selecting the right kit based on the engine's power output is important to ensure accuracy and the positive displacement meters' longevity. The graphs depicted here should be used as a guide when determining the size of kit is required.

KIT INCLUDES:

- 2 x EGM-Series Electronic Flowmeter
- 1 x F127 Totaliser
- 2 x Meter Brackets
- 1 x Fuel Strainer plus Connector
- Cable Glands

FUEL CONSUMPTION KIT - Land and Gen-Sets

FLOMEC® Fuel Consumption System (FCS) is a complete fuel monitoring system that comprises 2x EGM positive displacement meters coupled with an F127 flow instrument for accurate measurement of fuel consumption rates and total fuel consumption. The FCS can accurately measure fuel consumption of combustion engines by correcting for temperature differences from the inlet to outlet of the engine. The EGM positive displacement meter provides accurate and economic fuel consumption measurement solutions for all engine sizes.





The Fuel Consumption System is designed for Diesel Fuel. Diesel fuel is not considered a flammable fluid in most of the world, but it is in the USA. **The Fuel Consumption System does not have FM Approval and <u>should not be sold for use in the USA.</u>**

KIT SELECTION (CONTINUED)

	N	leter A Sp Size	becificatio	on (Inlet) ge	Process Connections	M	eter B Spe Size	ecificatior Flow Rang	n (Outlet) ge
FCS-06AB	1/4"	(6mm)	2-100 L/hr	0.5-27 GPH	BSPP (G) Female Thread	1/4"	(6mm)	2-100 L/hr	0.5-27 GPH
FCS-06AN	1/4"	(6mm)	2-100 L/hr	0.5-27 GPH	NPT Female Thread	1/4"	(6mm)	2-100 L/hr	0.5-27 GPH
FCS-08AB	3/8"	(8mm)	15-550 L/hr	4-145 GPH	BSPP (G) Female Thread	3/8"	(8mm)	15-550 L/hr	4-145 GPH
FCS-08AN	3/8"	(8mm)	15-550 L/hr	4-145 GPH	NPT Female Thread	3/8"	(8mm)	15-550 L/hr	4-145 GPH
FCS-15AB	1/2"	(15mm)	1-40 L/min	0.26-10.6 GPM	BSPP (G) Female Thread	1/2"	(15mm)	1-40 L/min	0.26-10.6 GPM
FCS-15AN	1/2"	(15mm)	1-40 L/min	0.26-10.6 GPM	NPT Female Thread	1/2"	(15mm)	1-40 L/min	0.26-10.6 GPM
FCS-20AB	3/4"	(20mm)	3-80 L/min	0.5-21 GPM	BSPP (G) Female Thread	3/4"	(20mm)	3-80 L/min	0.5-21 GPM
FCS-20AN	3/4"	(20mm)	3-80 L/min	0.5-21 GPM	NPT Female Thread	3/4"	(20mm)	3-80 L/min	0.5-21 GPM

ACCESSORIES

Part Number:	Item	Description
1522056	F-Series Wall Mount Kit	Stainless Steel wall mount kit for F127 totaliser, screws included
1522052	F-Series Pipe Mount Kit	Stainless Steel pipe mount kit for F127 totaliser, excludes worm clamps
1522063	Worm Clamp Kit, 1.0-1.57" (25-40 mm)	Includes 2pcs of stainless steel worm clamps to suit #1522052 and pipe. OD from 1.0-1.57" (25-40 mm)
1522055	Worm Clamp Kit, 1.81-2.76" (46-70 mm)	Includes 2pcs of stainless steel worm clamps to suit #1522052 and pipe. OD from 1.81-2.76" (46-70 mm)
1519011	M16 Cable Gland	Includes cable gland, locking nut and o-ring
1519012	M20 Cable Gland	Includes cable gland, locking nut and o-ring
1519010	Cable Connector	7-Pin IP67 Polyamide Connector kit





DIMENSIONS A EGM 08 Flowmeter 0 MEC

Thread

Model:	Α	В	С
EGM006	2.28"	2.54"	1.54"
	(58 mm)	(64.5 mm)	(39 mm)
EGM008	2.28"	2.54"	1.93"
	(58 mm)	(64.5 mm)	(49 mm)
EGM015	2.84"	3.23"	2.60"
	(72 mm)	(82 mm)	(66 mm)
EGM020	2.84"	3.23"	3.03"
	(72 mm)	(82 mm)	(77 mm)

F127 Totalizer







🧭 Not Available in the U.S.A.

Service & Warranty: For technical assistance, warranty replacement or repair contact your FLOMEC® or GPI® distributor: In North or South America: 888-996-3837 / FLOMEC.net Outside North or South America: +61 2 9540 4433 / FLOMEC.net







GENERAL SPECIFICATIONS

EGM Flowmeter

- Flow Rates: 0.50 GPH 21.1 GPM (2 L/hr 80 L/min)
- Sizes: 1/4" 3/4" (6 mm 20 mm)
- Engine Power: 7.5HP 5000HP (Please consult distributor for larger engines)
- Temperature Range: -40°F +176°F (-40°C +80°C)
- Body Material: Stainless Steel 316
- Rotor Material: PPS (Stainless Steel 316 for EGM006 meters)
- Cable Length: 2 meters (can extend using cable connector)

F127 Totalizer

- · Casing: Robust IP66/IP67 field enclosure
- Display: 7-digit resettable total, 11-digit accumulated total with backlight
- Required Power Supply: 8 24V (dc) (back up power supply built in to save settings in case of power failure)
- Temperature Limit: -40°F +176°F (-40°C +80°C)
- · Output Options: 4-20mA and pulse output available

KIT SELECTION

Although each Fuel Consumption Kit consists of the same items, the size of the meter and the process connections change depending on the rate of flow, which is a direct correlation to the size of the engine.

A typical diesel fuel loop system would on average have 3.5 times more fuel in its line than what the engine consumes at full load. With this in mind, selecting the right kit based on the engine's power output is important to ensure accuracy and the positive displacement meters' longevity.

The graphs depicted here should be used as a guide when determining the size of kit is required.

KIT INCLUDES:

- 2 x EGM-Series Electronic Flowmeter
- 1 x F127 Totalizer
- 2 x Meter Brackets
- 2 x Fuel Strainer plus Connector
- Cable Glands

FUEL CONSUMPTION SYSTEM - Marine

FLOMEC® Fuel Consumption System (FCS) is a complete fuel monitoring system that comprises 2x EGM positive displacement meters coupled with an F127 flow instrument for accurate measurement of fuel consumption rates and total fuel consumption. The FCS can accurately measure fuel consumption on combustion engines by correcting for temperature differences from the inlet to outlet of the engine. Pulsating flow electronics, eliminating error due to fuel injection pulsation, coupled with integral PT100 resistance thermometers in Flomec's renowned positive displacement meters gives an accurate and economic fuel consumption measurement solution for all engine sizes.







The Fuel Consumption System is designed for Diesel Fuel. Diesel fuel is not considered a flammable fluid in most of the world, but it is in the USA. **The Fuel Consumption System does not have FM Approval and <u>should not be sold for use in the USA.</u>**

KIT SELECTION (CONTINUED)

	Meter A Siz	Specificat ze Flow Ra	ion (Inlet) nge	Process Connections	Meter B Siz	Specificati ze Flow Ra	on (Outlet) nge
FCS-06S	1/4"	2-100	0.5-27	NPT	1/4"	2-100	0.5-27
	(6 mm)	L/hr	GPH	Female Thread	(6 mm)	L/hr	GPH
FCS-08S	3/8"	15-550	4-145	NPT	3/8"	15-550	4-145
	(8 mm)	L/hr	GPH	Female Thread	(8 mm)	L/hr	GPH
FCS-15S	1/2"	1-40	0.26-10.6	NPT	1/2"	1-40	0.26-10.6
	(15 mm)	L/min	GPM	Female Thread	(15 mm)	L/min	GPM
FCS-20S	3/4"	3-80	0.5-21	NPT	3/4"	3-80	0.5-21
	(20 mm)	L/min	GPM	Female Thread	(20 mm)	L/min	GPM

DIMENSIONS

EGM Flow Meter



ACCESSORIES

SCHEMATIC

DIESEL TANK

PRIMARY DIESEL PUMP

Part Number	Item	Description
1522056	F-Series Wall Mount Kit	Stainless Steel wall mount kit for F127 totalizer, screws included
1522052	F-Series Pipe Mount Kit	Stainless Steel wall pipe kit for F127 totalizer, excludes worm clamps
1522063	Worm Clamp Kit 1.0-1.57"(25-40 mm)	Includes 2pcs of stainless steel worm clamps to suit #1522052 and pipe. OD from 1.0-1.57"(25-40 mm)
1522055	Worm Clamp Kit 1.81-2.76"(46-70 mm)	Includes 2pcs of stainless steel worm clamps to suit #1522052 and pipe. OD from 1.81-2.76"(46-70 mm)
1519011	M16 Cable Gland	Includes cable gland, locking nut and o-ring
1519012	M20 Cable Gland	Includes cable gland, locking nut and o-ring
1519010	Cable Connector	7-Pin IP67 Polyamide connector kit

Return Flowmeter

Model:	A	В	C
EGM006	2.28"	2.54"	1.54"
	(58 mm)	(64.5 mm)	(39 mm)
EGM008	2.28"	2.54"	1.93"
	(58 mm)	(64.5 mm)	(49 mm)
EGM015	2.84"	3.23"	2.60"
	(72 mm)	(82 mm)	(66 mm)
EGM020	2.84"	3.23"	3.03"
	(72 mm)	(82 mm)	(77 mm)



112 mm (4.40")

🧭 Not Available in the U.S.A.

DIESEL ENGINE

F127 DIFFERENTIAL FLOW COMPUTER

INJECTOR PUMP

Supply Flowmeter

Service & Warranty: For technical assistance, warranty replacement or repair contact your FLOMEC® or GPI® distributor:

In North or South America: 888-996-3837 / FLOMEC.net

Outside North or South America: +61 2 9540 4433 / FLOMEC.net

