

Product Description

The Stauff SGF positive displacement flow meter and display units offer a comprehensive solution for high accuracy and high pressure flow monitoring. Units are available for flow ranges from 0.0005 to 138 GPM, and are suitable for pressures to 450 bar (6500 PSI). Media specific models are available for applications such as; hydraulic test stands, greases, ink, lubrication systems, diesel fuel, kerosene, and brake fluid.



Available Ranges

| Type | Size | Geometric Tooth Volume cm ³ | Measuring Range | | K-Factor | |
|------|------|--|-----------------|--------------|-----------|---------|
| | | | LPM | GPM | Imp/Liter | Imp/Gal |
| SGF | 0.02 | 0.02 | 0.002-2 | 0.0005-0.53 | 50000 | 189272 |
| SGF | 0.04 | 0.04 | 0.004-4 | 0.0011-1.06 | 25000 | 94636 |
| SGF | 0.1 | 0.1 | 0.01-10 | 0.0026-2.64 | 10000 | 37854.4 |
| SGF | 0.2 | 0.2 | 0.02-18 | 0.0053-4.76 | 5000 | 18927.2 |
| SGF | 0.4 | 0.4 | 0.03-40 | 0.0079-10.57 | 2500 | 9463.6 |
| SGF | 1 | 1 | 0.05-80 | 0.0132-21.13 | 1000 | 3785.44 |
| SGF | 2 | 2 | 0.1-120 | 0.0264-31.70 | 500 | 1892.72 |
| SGF | 4 | 4 | 1-250 | 0.2642-66.00 | 250 | 946.36 |
| SGF | 10 | 3.33 | 1.5-525 | 0.39-138.00 | 300 | 1135 |

Order Code

SGF - 0.04 - M - C - 1 - V - XX

| Type | |
|------|------------------------|
| SGF | Flow Monitoring System |

| Measuring Range | |
|-------------------------------|--|
| See table above / Size column | |

| Connection Type | |
|-----------------|-----------------------------------|
| M | Manifold Plate Mount ¹ |
| R | Side Port Connection |

| Material | |
|----------|------------------------|
| C | Cast Iron ¹ |
| S | Stainless Steel |

| Special Options | |
|----------------------------|--|
| Contact Stauff for details | |

| Seals | |
|-------|--------------------|
| V | Viton ¹ |
| B | Buna |
| T | PTFE |
| E | EPDM |

| Bearing Type | |
|--------------|---------------------------|
| 1 | Ball Bearing ¹ |
| 2 | Spindle - Bearing |
| 3 | Bronze - Plain Bearing |
| 4 | Carbon - Plain Bearing |
| 5 | Steel - Plain Bearing |

NOTES:

1 - Standard Stocked Option