

The KYTOLA® Model SRP Stainless Steel Oval Gear Flow Meter is specifically designed for the accurate flow measurement of liquids in demanding industrial environments.

This positive displacement flow meter is suitable for a wide range of applications and provides excellent levels of linear and repeatable accuracy.



- Compact model, can be installed vertically or horizontally in areas where space is limited
- For low and high viscosity liquids
- AISI 316 body in all models
- Gears AISI 316 or brass, depending on model
- ATEX version (II 2G c TX) as option



ISO 9001:2008 ISO 14001:2004

## STAINLESS STEEL OVAL GEAR METER SRP

SRP always shows the correct flow rate regardless of the liquid temperature and viscosity change or pulsating flow and provides substantially lower pressure drop than conventional gear flow meters.

### FEATURES

Flow ranges from 0.25 L/min to 150 L/min depending on viscosity

Accuracy  $\pm 0.5\%$  of reading, viscosity  $\geq 50$  cSt

Maximum pressure of up to 600 bar depending on model

### TYPICAL APPLICATIONS

Hydraulic applications

Industrial flow monitoring

Process control and batching

### OPTIONS

Alternative sensors

| Model                               | SRP-6                                                                                          | SRP-40       | SRP-150    |
|-------------------------------------|------------------------------------------------------------------------------------------------|--------------|------------|
| Body                                | Stainless steel AISI 316                                                                       |              |            |
| Gears                               | Stainless steel AISI 316L or brass depending on model                                          |              |            |
| Bearings                            | Ceramic plain bearings on stainless steel gears                                                |              |            |
| Seals                               | Viton®                                                                                         |              |            |
| Shafts                              | Hastelloy C                                                                                    |              |            |
| Sensor                              | Magnetic sensor according to Namur, DIN 19234, or magnetic sensor 10 – 30 VDC, PNP, NO, 3-wire |              |            |
| Accuracy                            | ±0.5% of reading, viscosity ≥50 cSt                                                            |              |            |
| Max temperature; liquid and ambient | +75°C with Namur sensor, +100°C with PNP sensor                                                |              |            |
| Max pressure                        | 600 bar                                                                                        | 300 bar      | 200 bar    |
| Connections                         | BSP/NPT 1/4"                                                                                   | BSP/NPT 1/2" | BSP/NPT 1" |
| Weight                              | 1 kg                                                                                           | 5 kg         | 22 kg      |

SRP-  -  -  -  -  -

**Flow Range**  
Please select a suitable model from the following charts based on the operating flow rate and viscosity

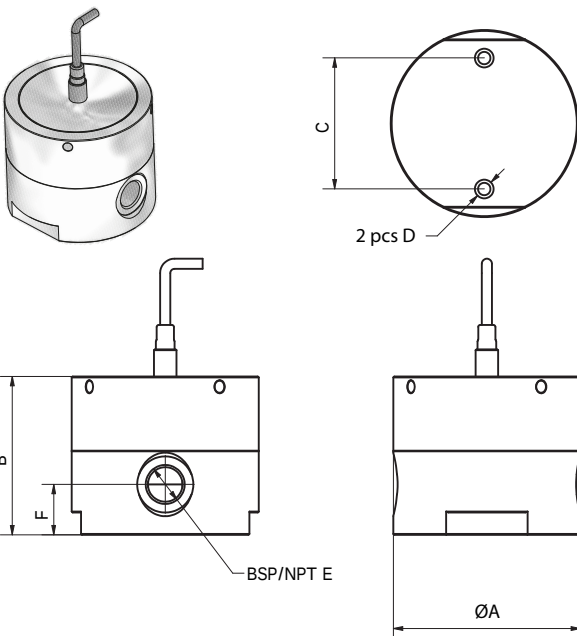
|   |    |     |
|---|----|-----|
| 6 | 40 | 150 |
|---|----|-----|

**Gear Material**  
Stainless steel AISI 316L ☐ H  
Brass ☐ P

**Connections**  
BSP threads ☐ R  
NPT threads ☐ N

**Sensors**  
NAMUR; DIN 19234 ☐ A  
PNP (3-wire) ☐ P

**Special Feature**  
ATEX version ☐ Z



| DIMENSIONS | A   | B   | C   | D   |          | E    | F  |
|------------|-----|-----|-----|-----|----------|------|----|
| SRP-6      | 55  | 57  | 40  | M5  | UNC 1/4  | 1/4" | 13 |
| SRP-40     | 100 | 85  | 70  | M8  | UNC 5/16 | 1/2" | 27 |
| SRP-150    | 170 | 122 | 130 | M12 | UNC 1/2  | 1"   | 38 |

