www.kytola.com

Kytola® Oval Gear Meter Model SRO is designed for oil flow measurement at high flow rates in demanding industrial environments.

SRO is a positive displacement meter, which always shows the correct flow rate regardless of oil temperature or viscosity changes.

OVAL GEAR METER
SRO

- For oil
- Maximum
  32 USGPM (120 L/min) or
  53 USGPM (200 L/min)
- Transparent cover
- Large viscosity range
  30–1000 cSt
- Pulse output

ISO 9001 ISO 14001

FEATURES

Independent of viscosity changes

Sturdy construction

Transparent cover provides highly visible oil flow indication

TYPICAL APPLICATIONS

Lubrication oil flow monitoring

Industrial flow monitoring

Process control

OPTIONS

Alternative sensors

G or NPT thread connections

SRO TECHNICAL DATA

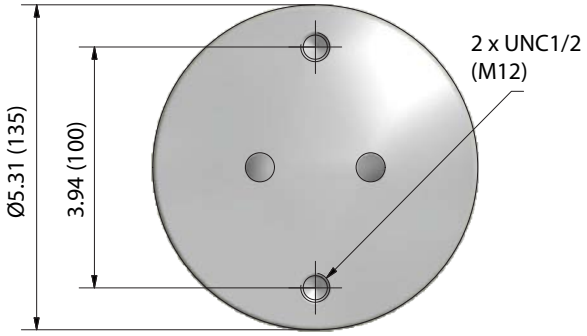
Model	SRO-120	SRO-200
Flow range	2.6 – 32 USGPM (10 – 120 L/min)	5.3 – 53 USGPM (20 – 200 L/min)
Output	66.6 pulses/US gal (17.6 pulses/L)	32.2 pulses/US gal (8.5 pulses/L)
Connections G/NPT	1½"	1½"
Body	Aluminium	
Gears	Bronze; EN 1982	
Cover	Polyamide	
Seals	Viton®	
Sensor	NAMUR; EN 60947 (*Other types of inductive proximity sensors)	
Max. pressure	145 psi (10 bar), 290 psi (20 bar)*	
Max. temperature	+176°F (+80°C)	
Viscosity range	30–1000 cSt	
Weight	9 lbs (4 kg)	11 lbs (5 kg)
Accuracy	±5% of reading	*) Special construction on request

SRO– ■ – ■ – ■

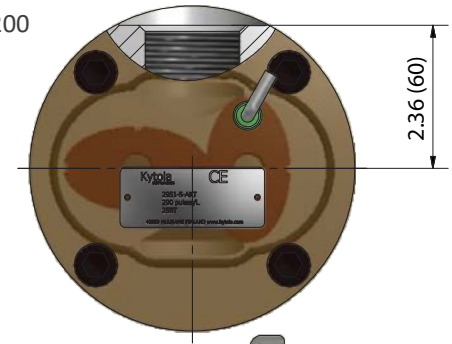
Flow Range USGPM	L/min	
2.6–32	10–120	**120**
5.3–53	20–200	**200**

Connections	
G threads	**G**
NPT threads	**N**

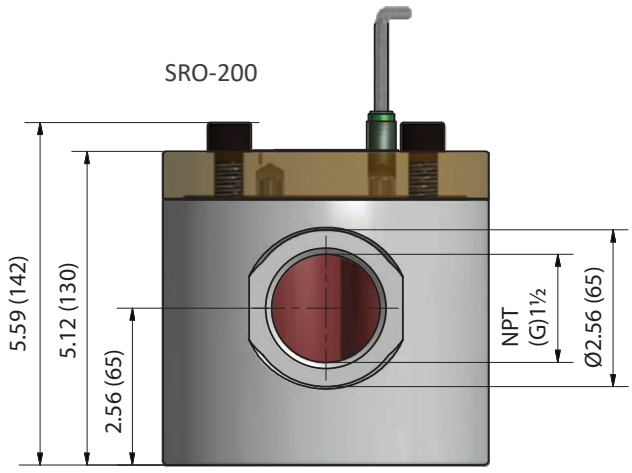
Sensor	
NAMUR; EN 60947	**A**
PNP/NPN (2-wire) 10 – 55 VDC	**F**
PNP (3-wire)	**P**
Without sensor	**D**



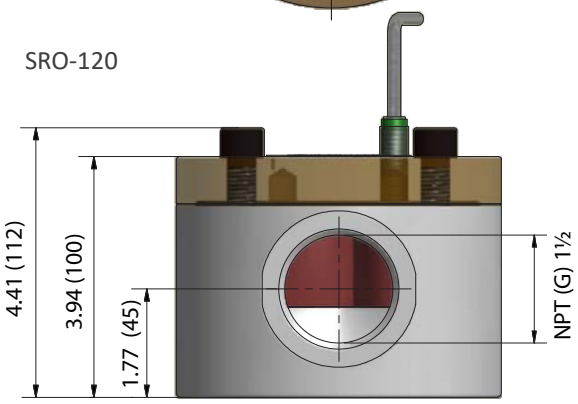
SRO-120/200



SRO-200



SRO-120



NOTE: Measurements in the drawings in this datasheet are given in inches (and millimeters) if not stated otherwise.

Kytola INSTRUMENTS
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MANAGEMENT SYSTEM CERTIFICATION DNV ISO 9001 • ISO 14001

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