

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



- For oil
- Flow rates from 2.6 USGPM (10 L/min) up to 53 USGPM (200 L/min)
- Large viscosity range 30–1000 cSt
- Pulse output
- Robust transparent cover provides highly visible oil flow indication

ISO 9001 ISO 14001

OVAL GEAR METER SRO

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

FEATURES

Independent of viscosity changes
Sturdy construction

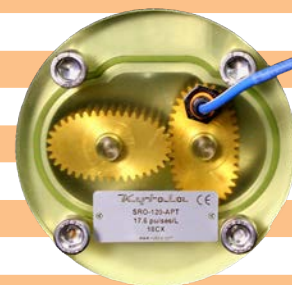
TYPICAL APPLICATIONS

Lubrication oil flow monitoring
Industrial flow monitoring
Process control

OPTIONS

Alternative sensors
BSP or NPT connections

Model	SRO-120	SRO-200
Output	66.6 pulses/US gal (17.6 pulses/L)	31.8 pulses/US gal (8.4 pulses/L)
Weight	9 lbs (4 kg)	11 lbs (5 kg)
Gears	Brass	
Body	Aluminium	
Cover	Trogamid-T	
Seals	Viton®	
Max. pressure	145 psi (10 bar), *290 psi (20 bar) with support cover	
Pressure drop	5.1 psi (0.35 bar) at max. flow (150 cSt oil)	
Max. temperature	176°F (80°C)	
Viscosity range	30–1000 cSt	
Connections	BSP/NPT 1 1/2"	
Sensor	NAMUR; EN 60947 (*Other types of inductive proximity sensors)	
Accuracy	±5% of reading	

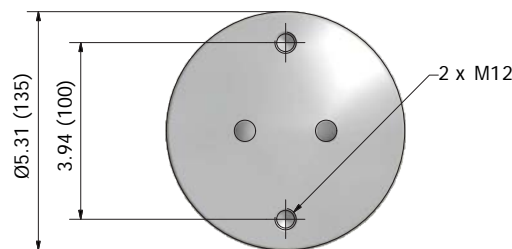


*) Special construction on request

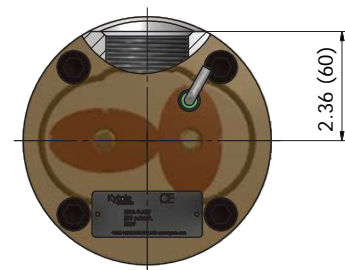
SRO- [] - [] [] [] [] []	
Flow Range	
10–120 L/min 2.6–32 USGPM	120
20–200 L/min 5.3–53 USGPM	200
Body	
Aluminium	A
Gears	
Brass	P
Cover	
Trogamid	T
Sensor	
NAMUR	<i>blank</i>
Without sensor (M12x1 thread)	D
PNP/NPN (2-wire)	F
PNP (3-wire)	P
NPN (3-wire)	T
Connections	
BSP threads	<i>blank</i>
NPT threads	N

Standard feature: leave *blank*
Special feature: choose Character

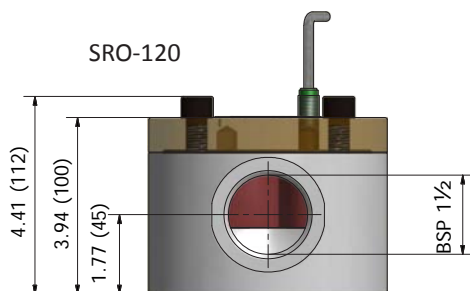
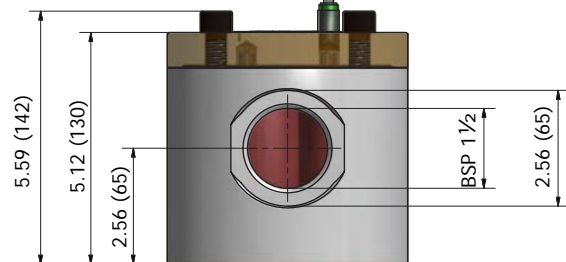
SRO-120/SRO-200



SRO-120/SRO-200



SRO-200



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