## Product information

## Metra-flow OG2 4 L/Min oval gear meter

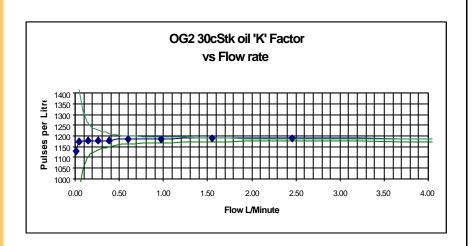
- Excellent chemical resistance
- Rugged construction
- Individual calibration
- High viscosity capability
- Low pressure loss
- No flow conditioning required
- Compact meter assembly
- Hall or reed switch sensor
- Accuracy 1.0% FSD water,
  0.5% FSD oil
- ±0.5% reading \*
- 0.1% repeatability
- IP67/NEMA 4 protection
- Models to 400 Bar
- Non-metalic option
- \* When used with our metra-smart instrument

## Ideal for

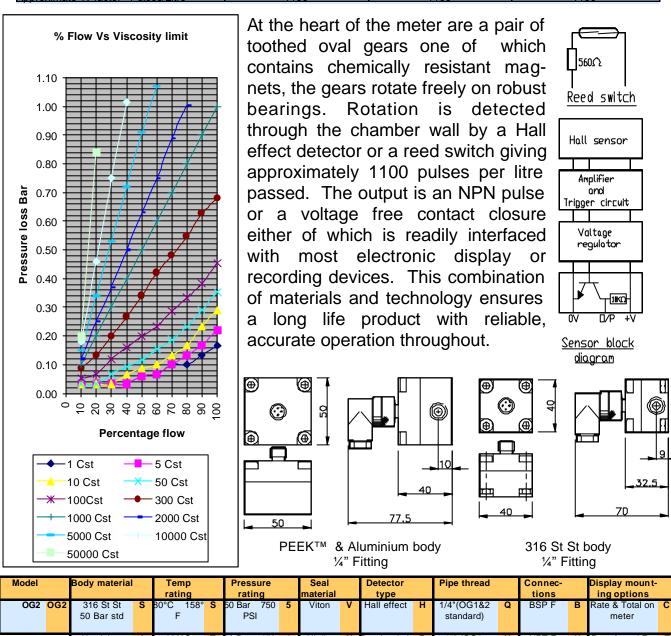
- ♦ Engine test
- Oil flow
- High viscosity fluids
- ♦ OEM equipment



The compact rugged OG2 oval gear flowmeter is designed to give high performance with a low cost of ownership. It has a standard flow range from 0.03 to 4 L/Min on 30 Cstk oil and 0.15 to 4 L/min on water like liquids. It can have totally non-metallic PEEK™. wetted components, ceramic and an elastomer which makes this the ideal choice for the metering of aggressive chemicals. The standard inlet and outlet are 1/4" female threads. For OEM use alternatives, including manifold mountings, are available. The standard model is 316 St St with Viton™ 'O' ring seal.



San	nple product codes <i>⇔</i>	Stainless standard OG2-SS5-VHQ-B	Aluminium standard OG2-AS1-VHQ-B	PEEK Standard OG2-PS1-VHQ-B		
Flow range	- Water	0.15- 4.0 LPM	0.15- 4.0 LPM	0.15- 4.0 LPM		
	- 30 cSt Oil	0.03-4.0LPM	0.03-4.0LPM	0.03-4.0LPM		
Wetted materials - Body		316 Stainless steel	Aluminium	PEEK™		
	- Gears	Carbon filled PEEK™	Carbon filled PEEK™	Carbon filled PEEK™		
	- Seal	Viton™	Viton™	Viton™		
	- Magnet	Ceramic	Ceramic	Ceramic		
Accuracy	- Water	± 1.0 % FSD	± 1.0 % FSD	± 1.0 % FSD		
	- 30 cSt oil	± 0.5% FSD	± 0.5% FSD	± 0.5% FSD		
Repeatability		± 0.1%	± 0.1%	± 0.1%		
Detector type		Hall effect	Hall effect	Hall effect		
Terminations		M12 instrument socket	M12 instrument socket	M12 instrument socket		
Approximate 'K' factor - Pulses/Litre		1100	1100	1100		



Model	Body material		Temp rating		Pressure rating		Seal material		Detector type		Pipe thread		Connec- tions		Display mount- ing options	
OG2 OG2	316 St St 50 Bar std	S	80°C 158° F	S	50 Bar 750 PSI	5	Viton	V	Hall effect	Н	1/4"(OG1&2 standard)	Q	BSP F	В	Rate & Total on meter	С
	Aluminium 10 Bar max	Α	100°C 212°F	Т	10 Bar 150 PSI	1	Nitrile	N	Reed switch	R	½" (OG3 Standard)	Н	NPT F	N	Rate & total Ex on meter	E
	PEEK™ 10 Bar max	Р	150°C 300°F	U	400 Bar 5880 PSI	4	EPDM	E			3/4" (OG4 standard)	T	Flanged (specify)	F	Rate & Total plus 4-20mA	U
						Kalrez	K			1" (OG5 stan- dard)	U			Rate & total + 4- 20mA Ex	X	
A stainless steel meter rated at 80°C, 50 Bar, with Viton™ seal, Hall						Il effect de	-	11/2" (OG6 standard)	Р			Metra-Batch on meter	В			
tector and a ¼" BSP thread would have the order code :-OG5-SS5-VHQ-B									2" (OG7 stan- dard)	D			Metra-Batch remote	R		