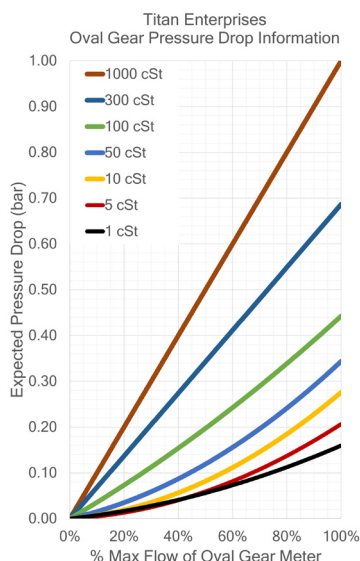


# OG5 100L/Min Oval Gear Meter

**DDM**  
sensor solutions**The distributor**  
of your choice!**IDEAL FOR**

- Engine test
- Oil flow
- High viscosity liquids
- OEM equipment
- Hazardous areas
- Batching

**FEATURES**

- Excellent chemical resistance
- Rugged construction
- Individual calibration
- High viscosity options
- Low pressure drop
- No flow conditioning required
- Compact meter assembly
- Hall, reed switch or Namur sensor
- Accuracy 0.75% reading water  
0.5% reading oil (30 cSt)
- 0.1% repeatability
- IP65/NEMA 4 protection
- Models to 700 bar (see High Pressure Data Sheet)

**TITAN ENTERPRISES LTD.**  
**www.flowmeters.co.uk**

Distributor: DDM GmbH &amp; Co. KG

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# OG5 100L/Min Oval Gear Meter



## Ordering Codes

### Model

**OG5**

### Body Material

S = 316 St St 50 bar std

A = Aluminium 10 bar max

P = PEEK 10 bar max (at 80°C max)

### Temp Rating

S = 80°C / 158°F

T = 100°C / 212°F

U = 150°C / 300°F

### Pressure Rating

5 = 50 bar 750 PSI (St St)

1 = 10 bar 150 PSI (Al / PEEK)

4 = 400 bar 5880 PSI (St St)

7 = 700 bar 10150 PSI (St St)

### Seal Material

V = Viton™

N = Nitrile

E = EPDM

P = PTFE (50 bar max)

K = Kalrez®

### Detector Type

H = Hall effect

R = Reed Switch & Resistor

N = Namur

X = Reed Switch (hazardous area)

### Process Fitting Size

U = 1" (OG5 std)

### Process Fitting Type

B = BSP F

N = NPT F

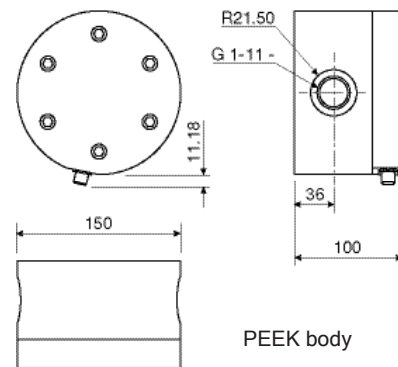
e.g. **OG5-SS5-VHU-B** is a stainless steel meter rated at 80°C, 50 bar, Viton™ seal, Hall effect detector and a 1" BSP thread.



## TECHNICAL SPECIFICATIONS

Sample product codes	Stainless standard OG5-SS5-VHU-B	Aluminium standard OG5-AS1-VHU-B	PEEK standard OG5-PS1-VHU-B
Flow range - Water - 30 cSt Oil	4.0 - 100 L/min 0.5 - 100 L/min	4.0 - 100 L/min 0.5 - 100 L/min	4.0 - 100 L/min 0.5 - 100 L/min
Wetted Materials - Body - Gears - Seal - Magnet - Spindles	316 St St Carbon filled PEEK Viton™ PTFE St St	Aluminium Carbon filled PEEK Viton™ PTFE St St	PEEK Carbon filled PEEK Viton™ PTFE Hastelloy C
Accuracy - Water - 30 cSt oil	± 0.75% Reading ± 0.5% Reading	± 0.75% Reading ± 0.5% Reading	± 0.75% FSD ± 0.75% FSD
Repeatability	± 0.1%	± 0.1%	± 0.1%
Detector Type	Hall effect	Hall effect	Hall effect
Terminations	M20	M20	M12 Connector
Approx 'K' factor (Pulses/Litre)	78	78	78
Viscosity Range^	1-1000 cSt	1-1000 cSt	1-1000 cSt

^ High viscosity (above 1000 cSt) options available



PEEK body

### Weight (kg)

St St	50 bar	5.000
PEEK	10 bar	2.250
Aluminium	10 bar	2.250
St St	400 bar	9.400

## TITAN ENTERPRISES LTD.

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For reference only; for latest information contact your local distributor.

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