



SPECIFICATIONS

Oval Gear	Nominal Size	Flow Range*
OM004	⅛" (4 mm)	0.26-9.5 GPH (1-36 L/hr)
OM006	¼" (6 mm)	0.53-26.4 GPH (2-100 L/hr)
OM008	⅜" (8 mm)	4-145 GPH (15-550 L/hr)
OM004-OM008 Accuracy +@3cp:	± 1% (± 0.2% with optional RT14 with non-linearity correction)	
OM015	½" (15 mm)	0.26-10.6 GPM (1-40 L/min)
OM025	1" (25 mm)	2.6-10.6 GPM (10-150 L/min)
OM040	1½" (40 mm)	4-66 GPM (15-250 L/min)
OM050	2" (50 mm)	8-120 GPM (30-450 L/min)
OM015-OM050 Accuracy +@3cp:	± 0.5% (± 0.2% with optional RT14 with non-linearity correction)	
Repeatability:	Typically ± 0.03% of reading	
Temperature Rating:	-40°F to +300°F (-40°C to +150°C) refers to factory for lower temperature	
High Pressure Rating (Threaded Flow Meter)		
316 Stainless Steel:	5800 PSI (400 Bar)	OM004
		OM006
		OM008
		OM015
		OM025
		OM040
	4350 PSI (300 Bar)	OM050

*Maximum flow reduces as viscosity increases, see flow de-rating guide.
Max recommended Pressure drop is 14.5 psi (1 bar).

FLOMEC® OM High Pressure Flow Meters provide volumetric measurement of clean liquids for high pressure. Suitable for applications including metering lubricants, chemicals, grease, additives, and other high viscosity fluids.

FEATURES / BENEFITS

- High accuracy and repeatability, direct volumetric reading
- No requirement for flow conditioning (straight pipe runs)
- Measures both high and low viscosity liquids
- Optional Exd I/IIB approval (ATEX, IECEx)
- High Pressure rated up to 5800 psi (400 bar) (4350 psi [300 bar] on 2 in. flow meter)

INDUSTRIES

- Aviation
- Mining Industries
- Power
- Chemical
- Pharmaceutical
- Food
- Paint
- Petroleum Industries
- Environmental

APPROVALS / WARRANTY



OM SERIES HIGH PRESSURE

DIMENSIONS - COMING SOON

Contact Product Support for more information on High Pressure OM Flow Meters and sizing.