SKU DM100-01

MACNAUGHT DM100 1" Mechanical Fuel Meter

An oval gear fuel meter with a mechanical register, measuring 3 to 80 L/min. Its low pressure drop suits gravity fed tanks and Macnaught electric fuel pumps, and the register rotates to suit the install.



3 to 80 L/min
Flow range

±1%
Of reading, as stated by Macnaught

1" BSP (F)
Inlet and outlet ports

Key features

- Oval gear meter with a mechanical register
- Low pressure drop suits gravity fed tanks
- Resettable batch total to 999.9, non-resettable to 999999
- Register can be rotated to suit the installation
- Built in strainer, DM100-1K seal kit available
- Suits diesel, kerosene, petrol and oils up to 1,000 cP

Technical data

SPECIFICATION	VALUE
Order codes	DM100-01
Flow range	3 to 80 L/min (0.8 to 21 US gal/min)
Accuracy	±1% of reading
Max pressure	345 kPa (50 psi, 3.45 bar)
Connections	1" BSP (F) inlet and outlet
Fluids	Diesel, kerosene, petrol and oils up to 1,000 cP
Register	Mechanical, resettable 999.9 L, non-resettable 999999 L
Meter type	Oval gear, positive displacement
Min gravity head	550 mm
Wetted materials	Aluminium, mild steel, acetal, Viton, polyetherimide resin
Working temperature	-5 to +80 °C
Spares	DM100-1K seal kit

Installation and use

Install with flow in the direction of the body arrows and the meter shafts horizontal, fit a fuel filter before the inlet, and never use Teflon tape on connections with flammable liquids.