

FB-VZO
Brass
Commercial / Industrial
Marine / Offshore
Oil Meter
BSP Threaded



Elster Honeywell FB-VZO screwed oil meters provide an accurate and reliable way of obtaining all the information a user needs to measure and control oil usage.

These meters are suitable for a variety of medium to high flow duties including checking and totalising fuel for heating systems, diesel engines and recording draw off from storage tanks in commercial, industrial, marine and off-shore installations.

Features & Benefits

- Accuracy of down to $\pm 1\%$
- IP50 protection class
- For diesel, light, medium & heavy grade oils
- Can be installed in any position
- Optional factory fitted pulse output

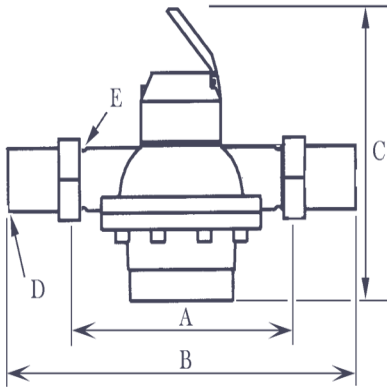
Pressure & Temperature

Maximum pressure:-
16 bar

Temperature range:-
-30°C to 130°C

SPECIFICATIONS		FB-VZO15	FB-VZO20	FB-VZO25
DN		15	20	25
A		165	165	190
B		260	260	305
C		180	210	220
C (When fitted with reed pulse)		210	220	240
D	BSP Male Unions	1/2	3/4	1
E	BSP Male	3/4	1	1 1/4
Weight	Kg	2.2	2.5	4.2
Maximum Flow Rate (Q _{max})	l/h	600	1500	3000
Maximum Continuous Flow Rate (Q _{cont})	l/h	400	1000	2000
Minimum Continuous Flow Rate (Q _{min})	l/h	20	40	75
Approximate Starting Flow Rate	l/h	4	12	30
Built In Safety Filter Mesh	mm	0.40	0.40	0.40
Maximum Permissible Error of Actual Value	%	± 1	± 1	± 1
Pulse Output (Reed)	Pulse/Litre	1 pulse per 1 litre		
Pulse Maximum Switching Voltage, Current & Power		48vDC, 50mA & 2 W		

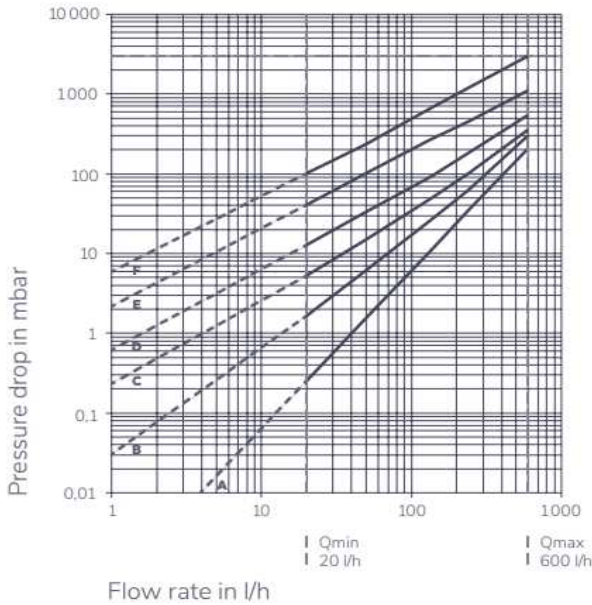
MATERIALS	
Body	Brass (Finished Enameled Red, RAL 3013)
Measuring Chamber	Brass
Seal	FEP Fluorelastomer
Rotary Piston	Anodized Aluminium
Ancillaries	Plastic



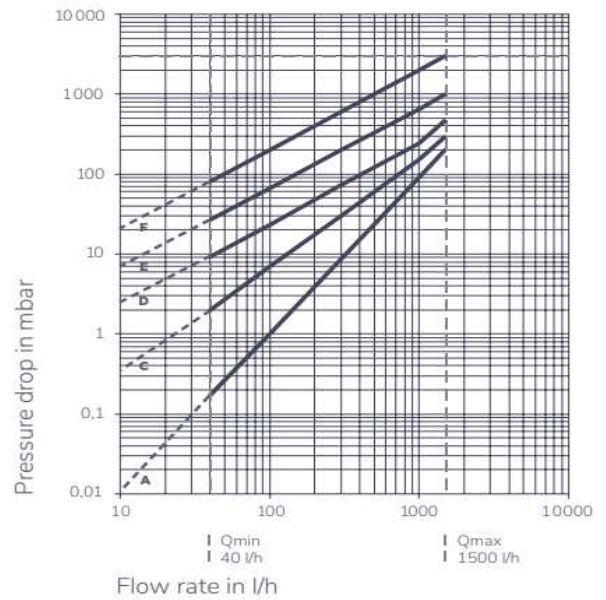
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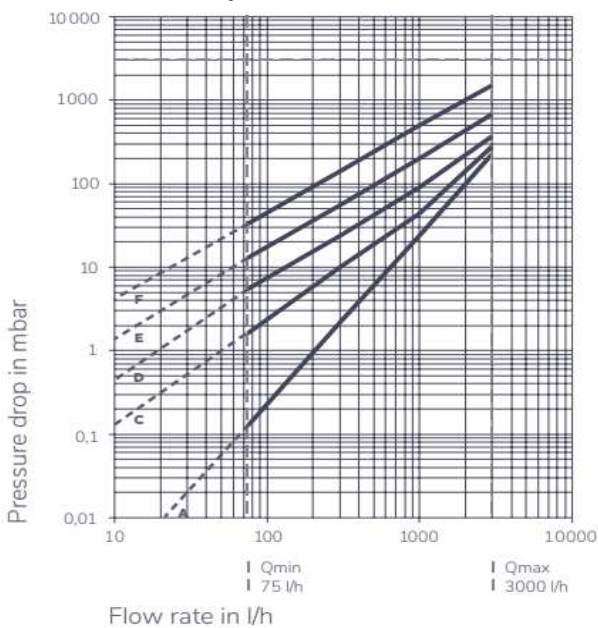
DN15 Pressure Drop



DN20 Pressure Drop



DN25 Pressure Drop



Viscosity diagrams

- A = 5 mPa.s**
- B = 25 mPa.s**
- C = 50 mPa.s**
- D = 100 mPa.s**
- E = 200 mPa.s**
- F = 500 mPa.s**

For a pressure drop of more than 1 bar, it is recommended to use the next larger meter size.

Maximum permissible pressure drop = 3 bar