



Department of consumer and corporate affairs / Ministère de la consommation et des corporations



**STANDARDS BRANCH - DIRECTION DES NORMES**

**NOTICE OF APPROVAL  
AVIS D'APPROBATION**

S.WA - 841

OTTAWA April 30, 1973

BROOKS BI-ROTOR METERS - GROUP 1

MANUFACTURER: Brooks Instrument Division,  
Emerson Electric Canada Ltd.,  
Markham, Ontario

APPARATUS: Bulk liquid meters, models as listed below:

<u>Model No.</u>	<u>Size</u>	<u>Capacity - GPM</u>	<u>Max. Pressure - PSI</u>
B - 31	1 $\frac{1}{4}$ "	8 - 40	125
B - 33	1 $\frac{1}{2}$ "	8 - 40	300

APPLICATION: The metering of petroleum products, particularly from vehicle tanks. The model B-33, which is rated at 300 PSI, may be used for liquefied gases such as propane or anhydrous ammonia over the range 10-40 GPM.

DESCRIPTION: These meters are positive displacement type, having a metering unit which utilizes a pair of helically fluted rotors operating in a measuring chamber.

The construction is single case, with housings and covers of cast steel; there is a selection of screwed and screwed/flanged connections.

Registration is by means of a mechanical digital indicator, of either Brodimatic or Series G type. The register may be equipped with a totalizer, printer, and preset shut-off mechanism.


SPECIAL CONDITIONS: Each meter shall be furnished by Brooks with a strainer and air/vapour eliminator, OR, if used for a liquefied gas, a back-pressure/differential pressure valve and a well for a test thermometer.

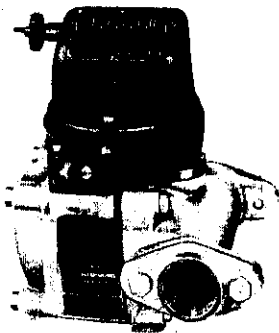
TESTING: The standard tests for bulk meters shall apply.

April 30, 1973

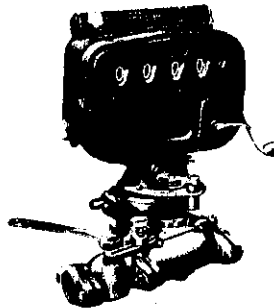
REFERENCE: G 1151-57/B 372-763

CONDITIONS OF APPROVAL: Approval is granted under the Weights and Measures Act, R.S.C., 1970, c.W-7, and Regulations thereunder (P.C. 6894) for use in Canada under the general conditions of P.C. 6894, and under any special conditions listed above.

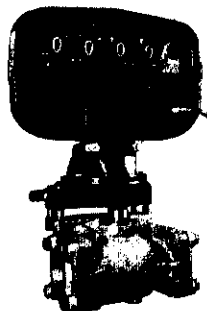
  
R.W. MacLean  
Director,  
Standards Branch



MODEL B-31  
WITH SERIES  
G COUNTER



MODEL B-31  
QUANTROL  
METER WITH  
BRODIMATIC  
PRINTING  
QUANTROL  
COUNTER



MODEL B-33  
EQUIPPED WITH  
BRODIMATIC COUNTER.  
COUNTER SHOWN  
ELEVATED FOR HIGH  
TEMPERATURE SERVICE.